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16E

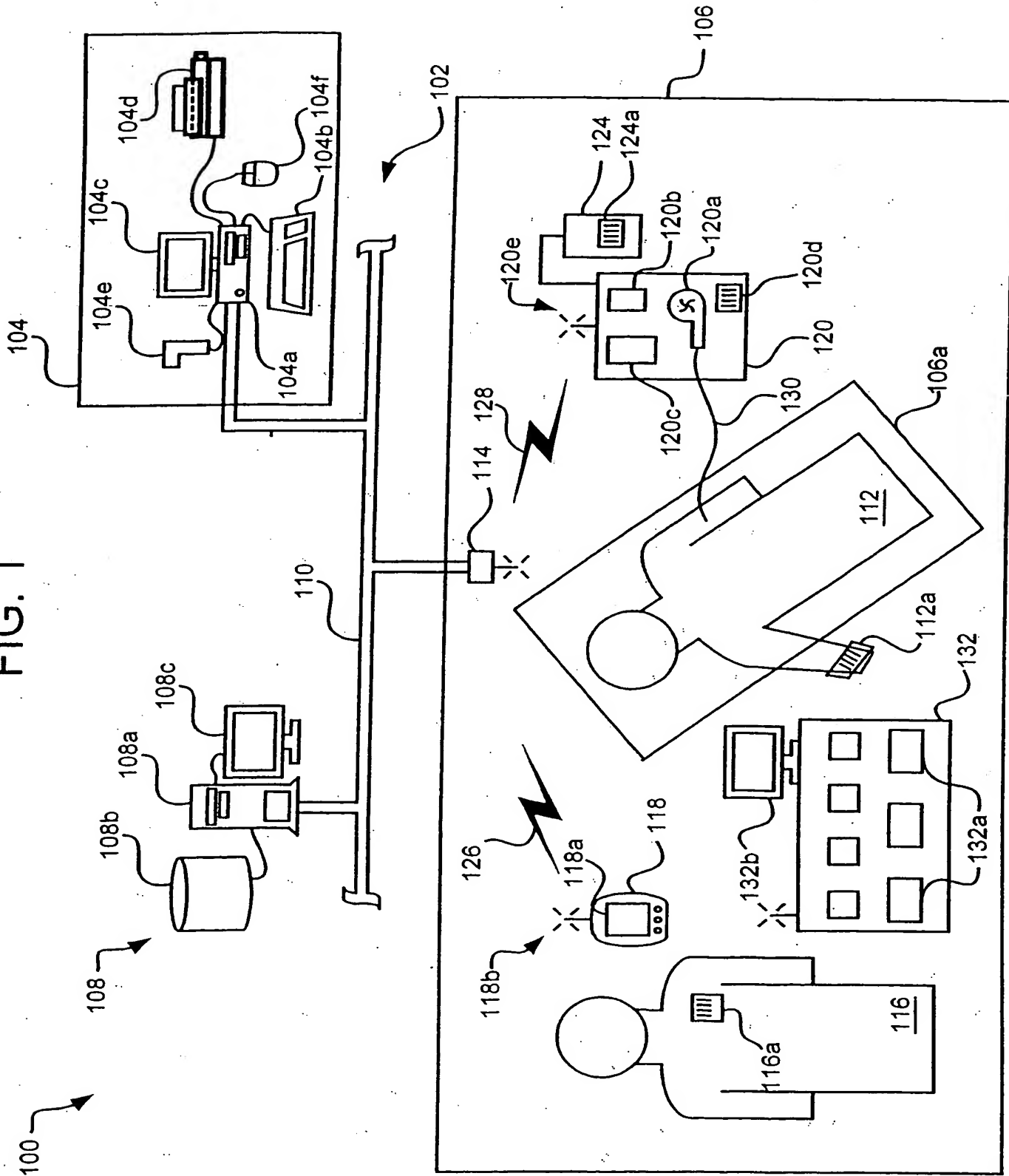


FIG. 2

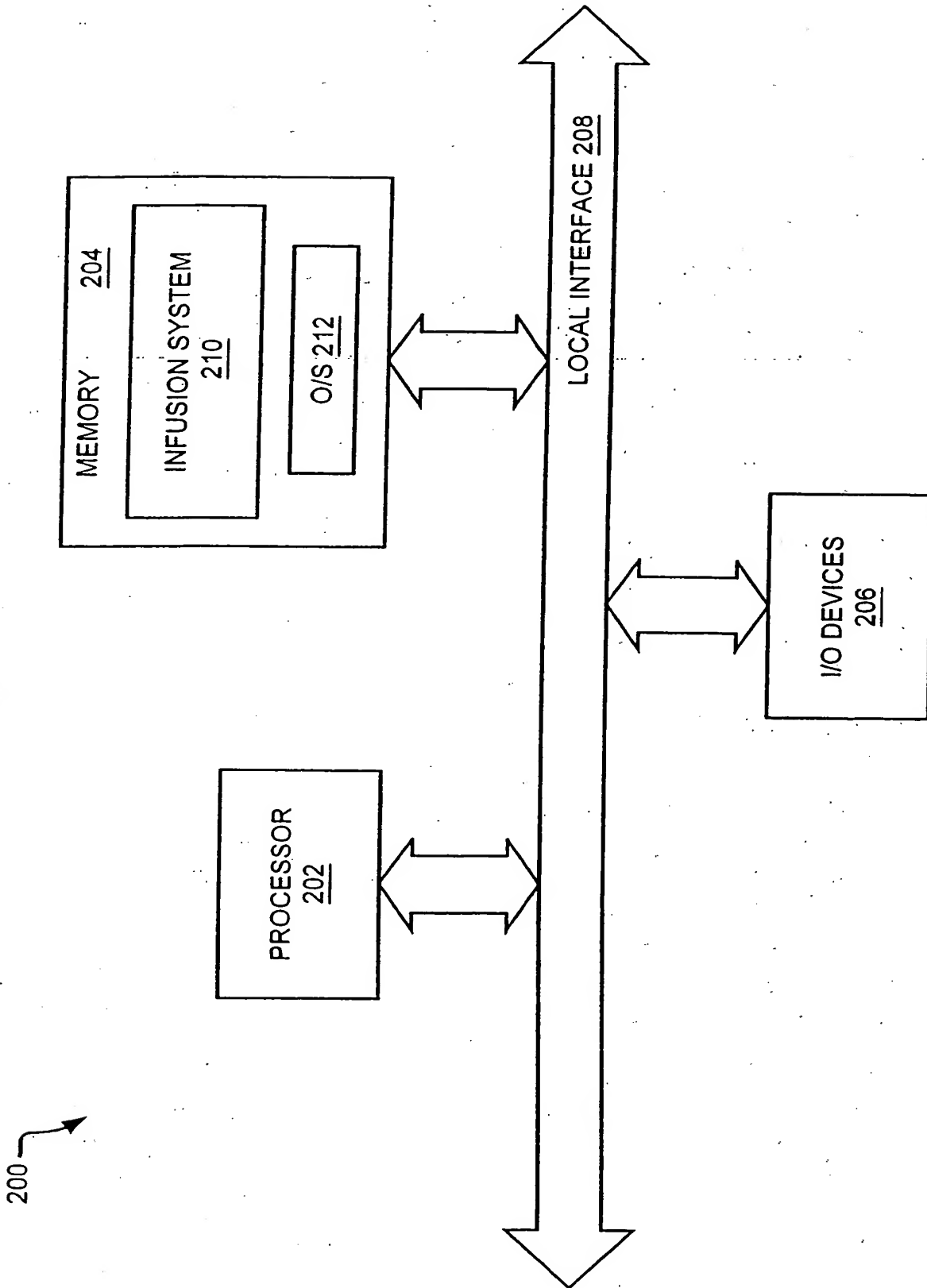
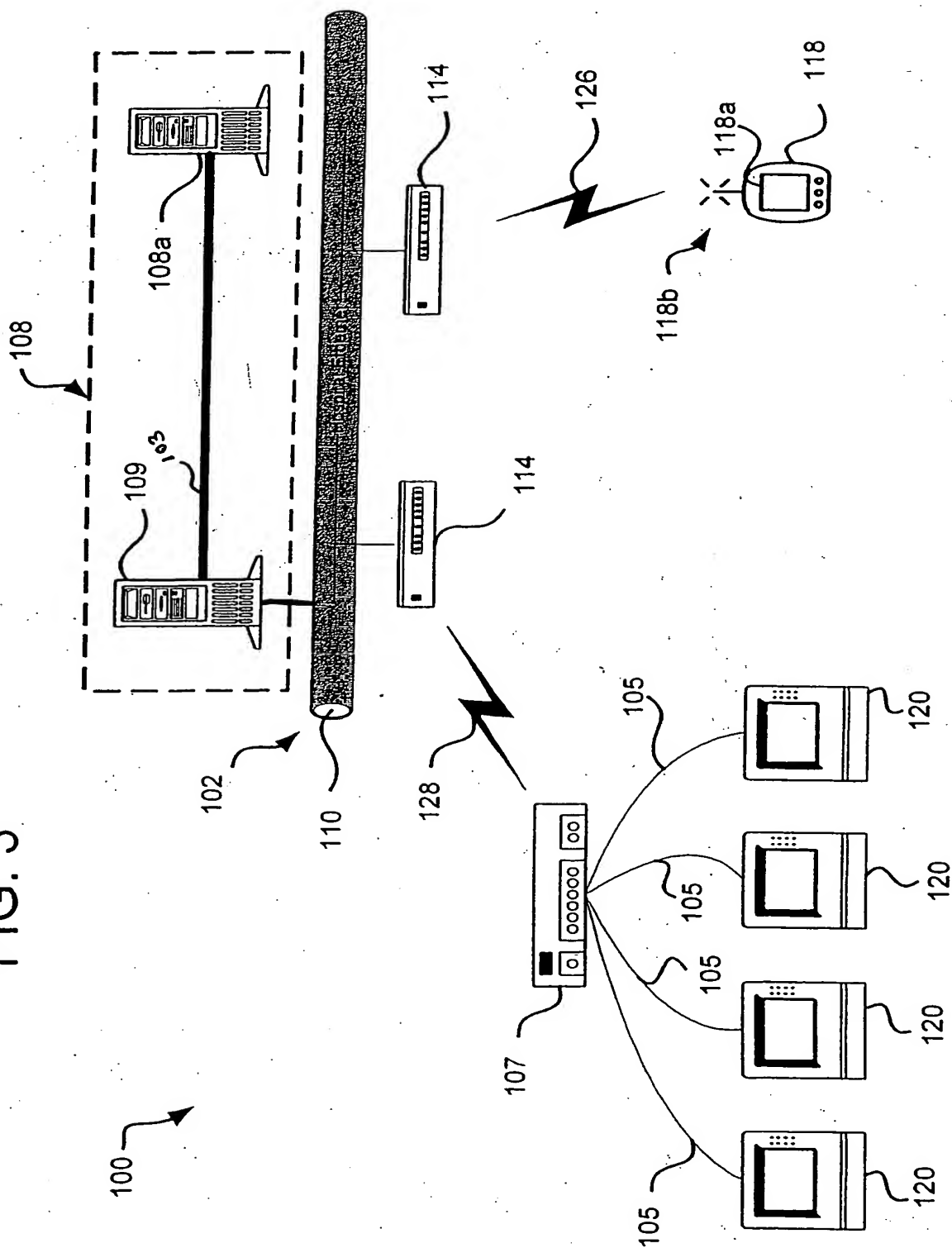


FIG. 3



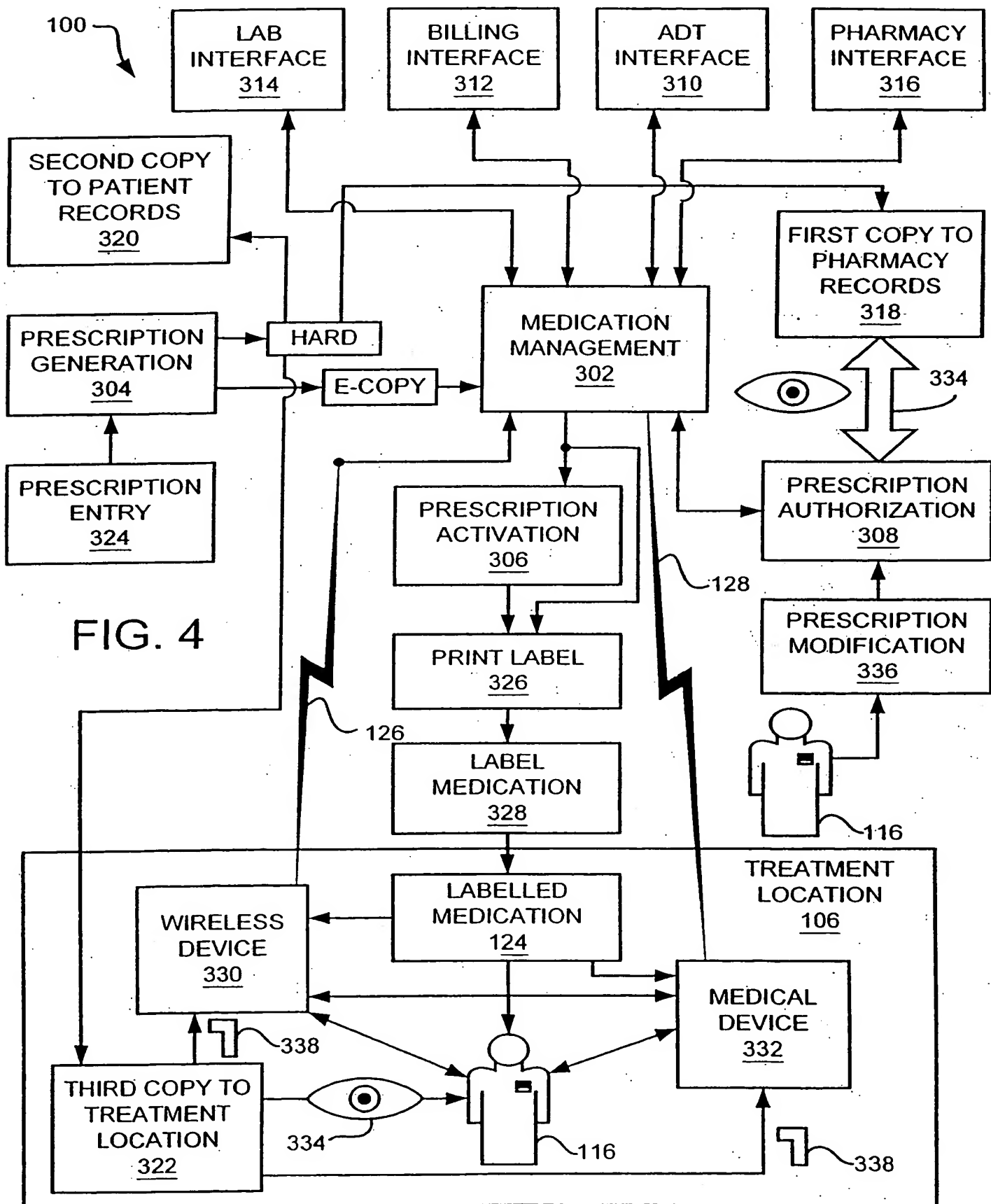
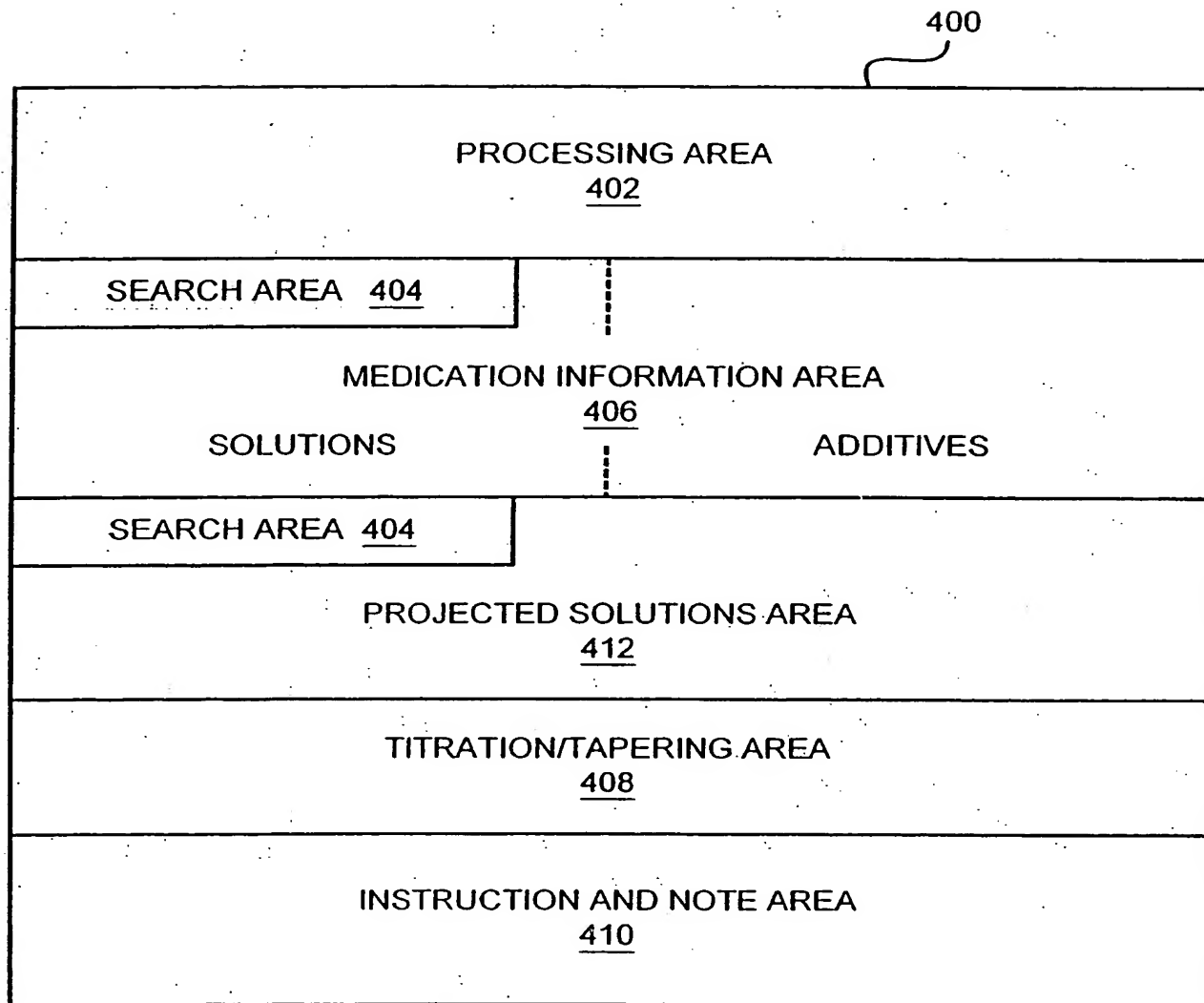


FIG. 5



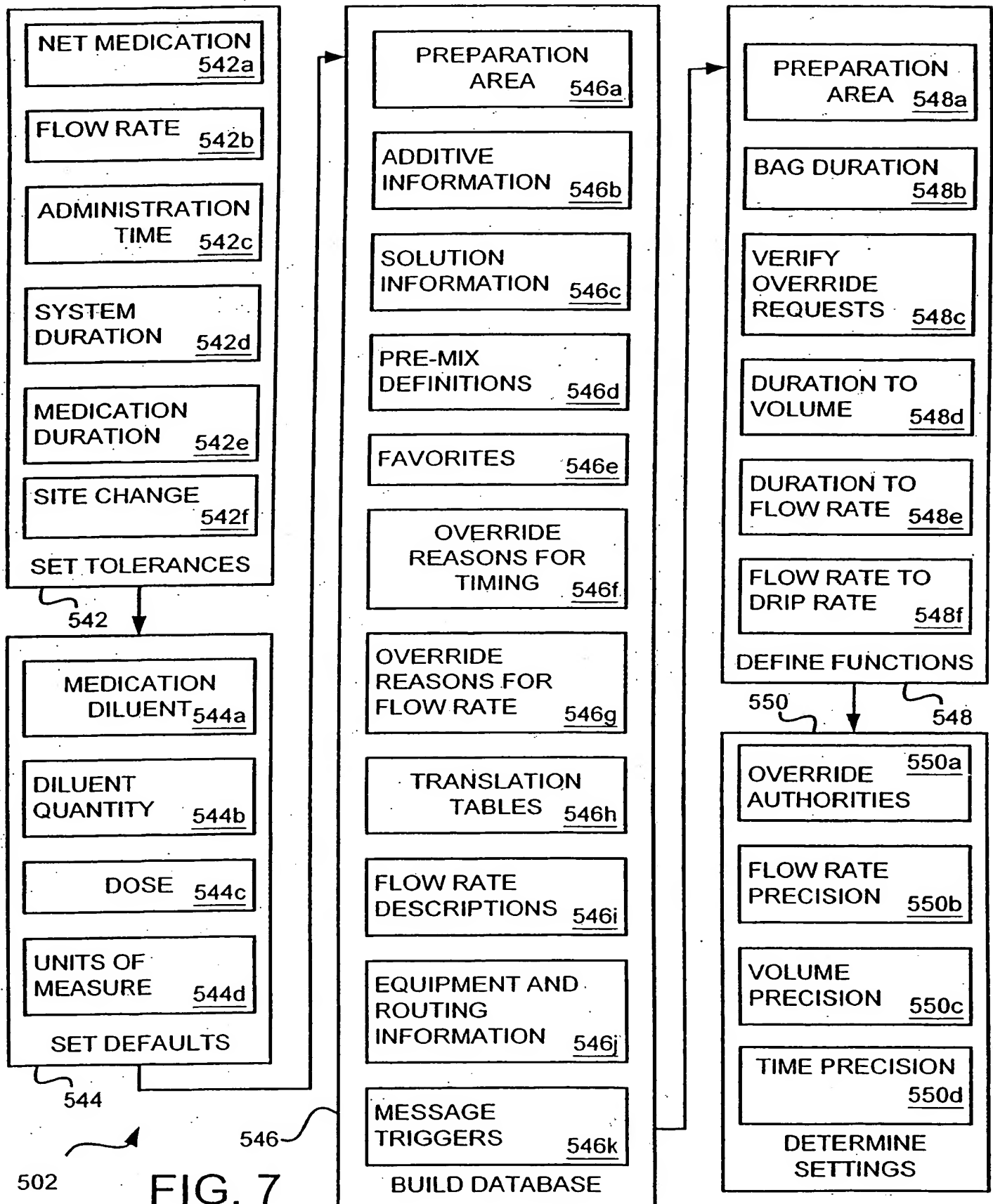


FIG. 7

FIG. 8

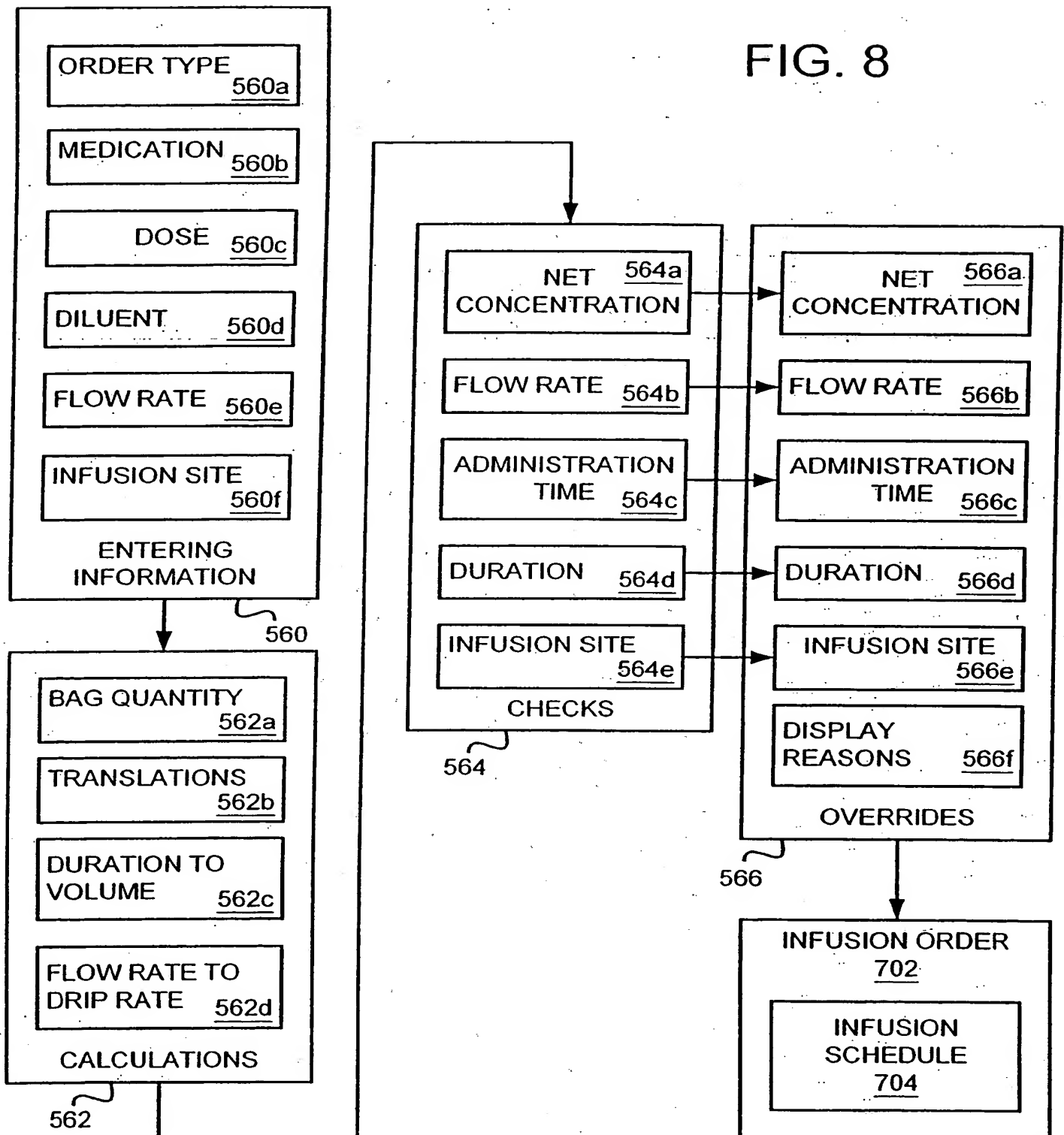


FIG. 9

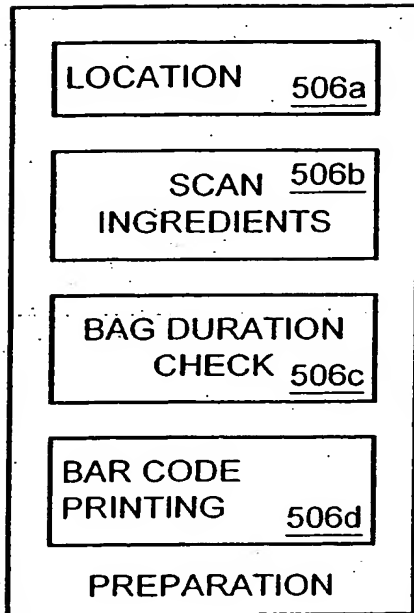
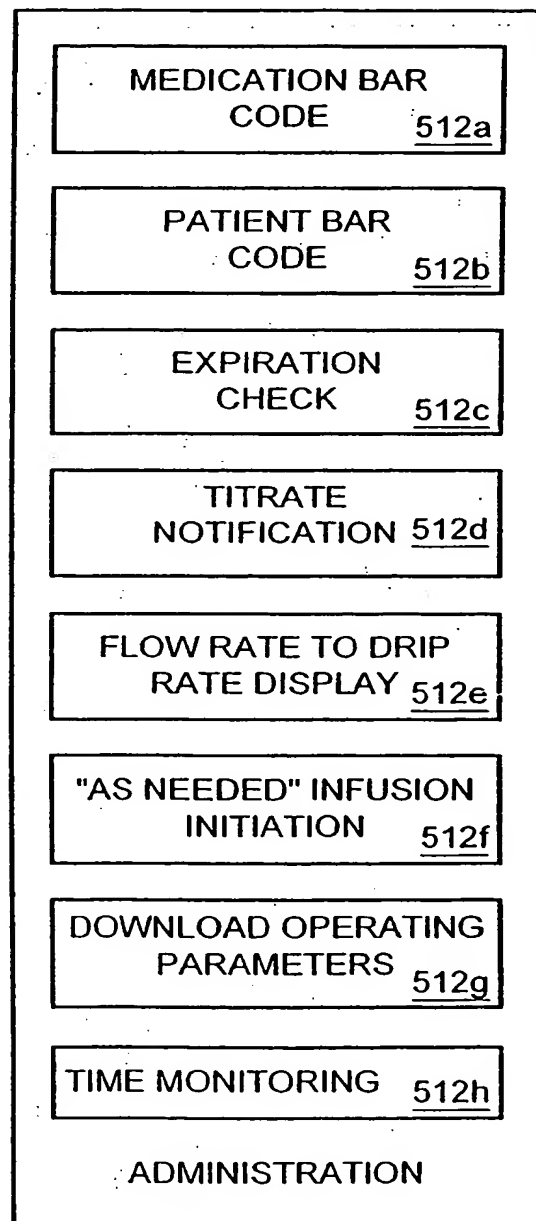
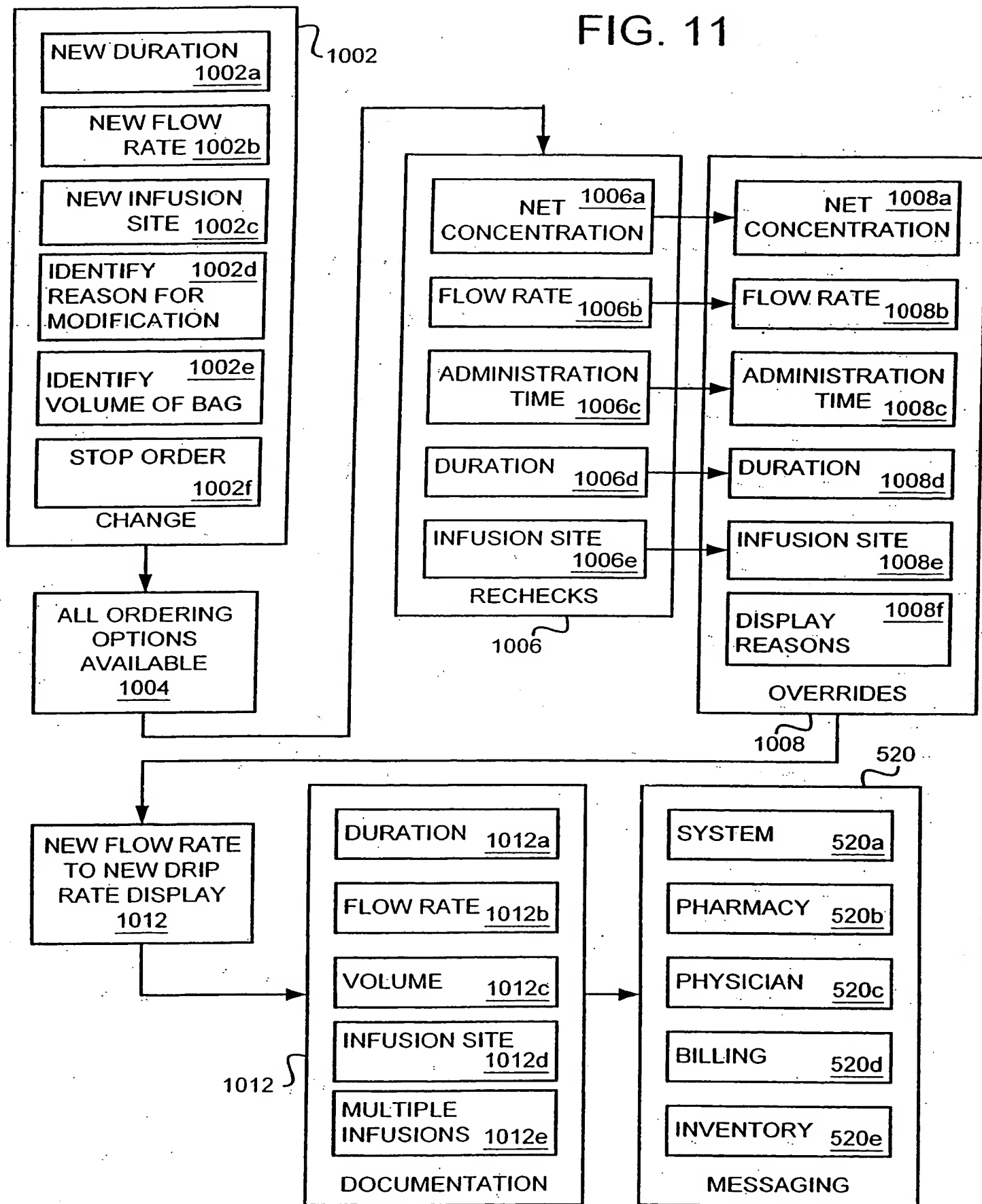


FIG. 10



512

FIG. 11



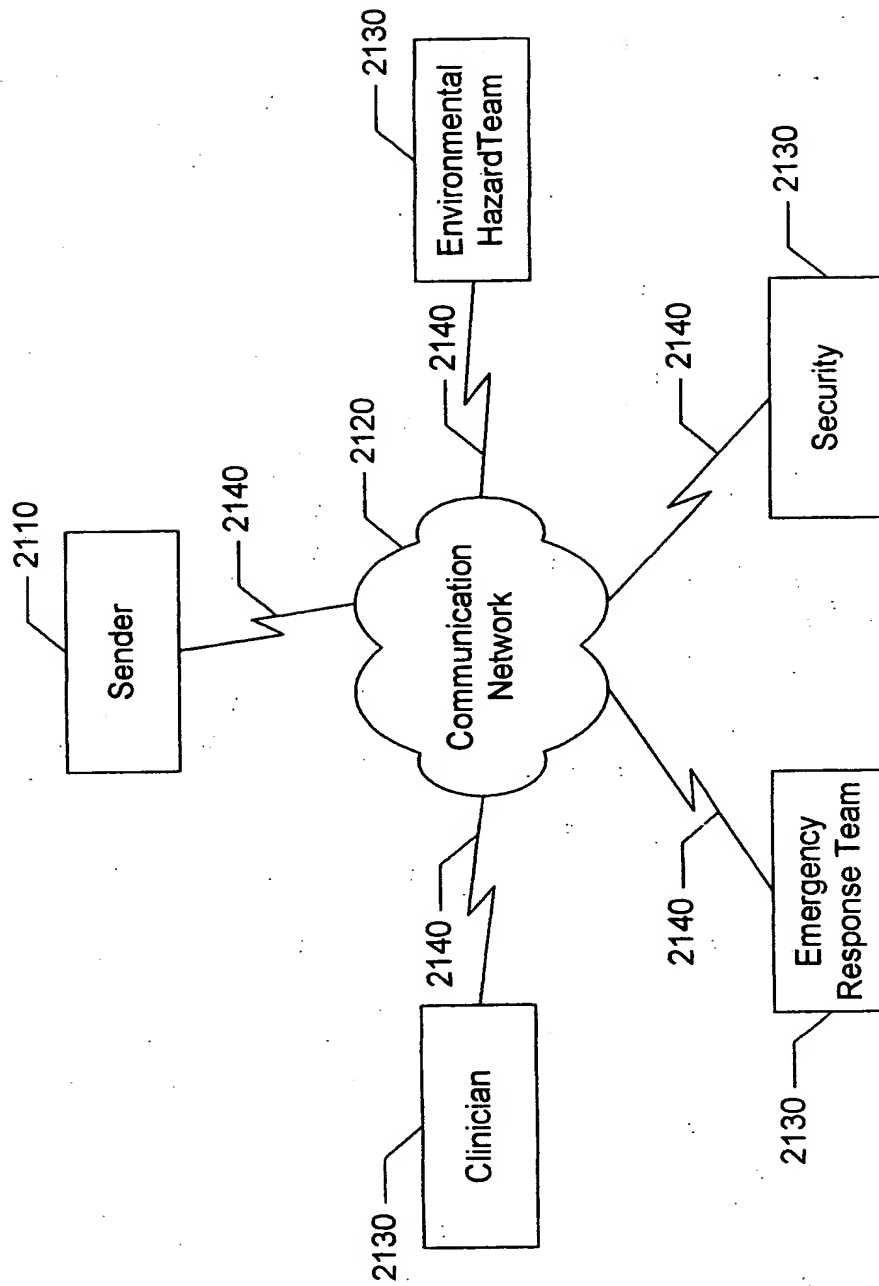


FIG. 12

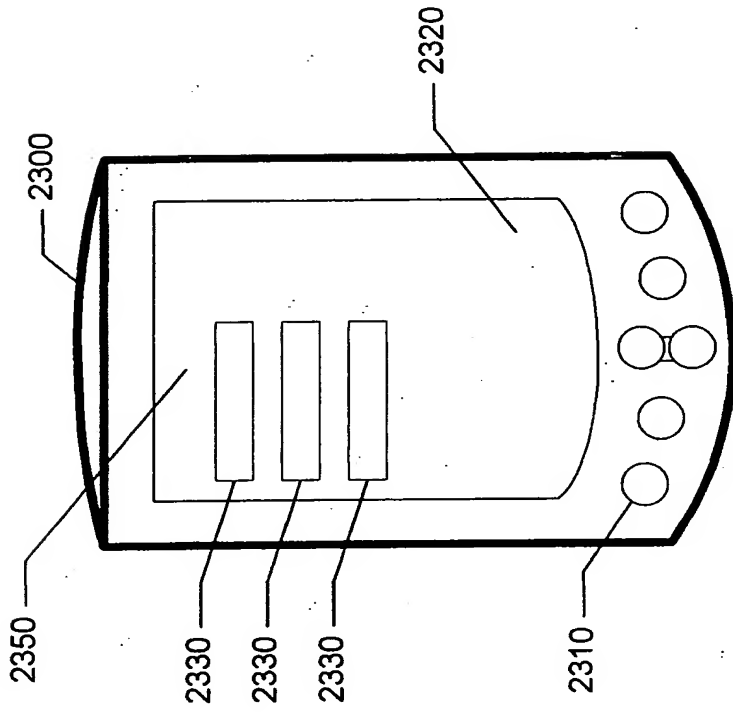


FIG. 13

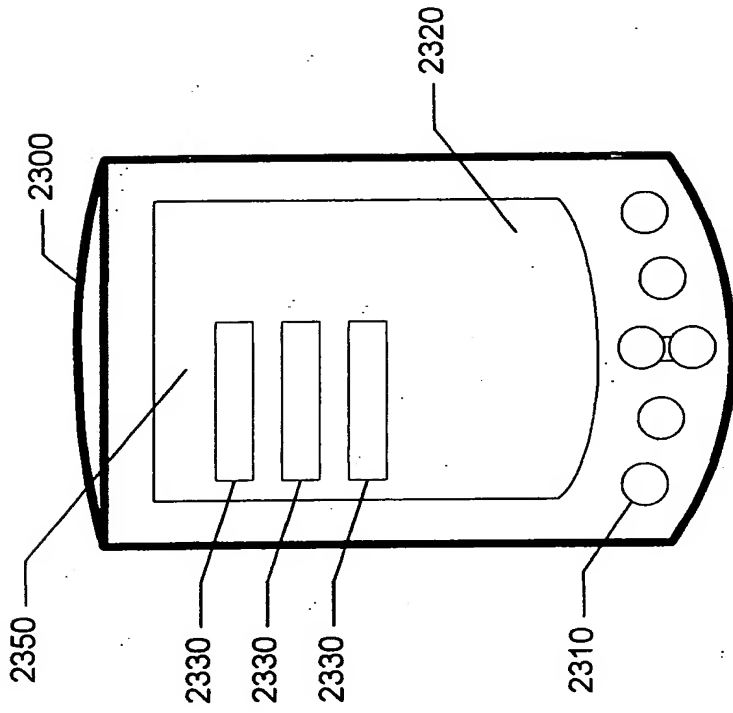


FIG. 14

FIGURE 15

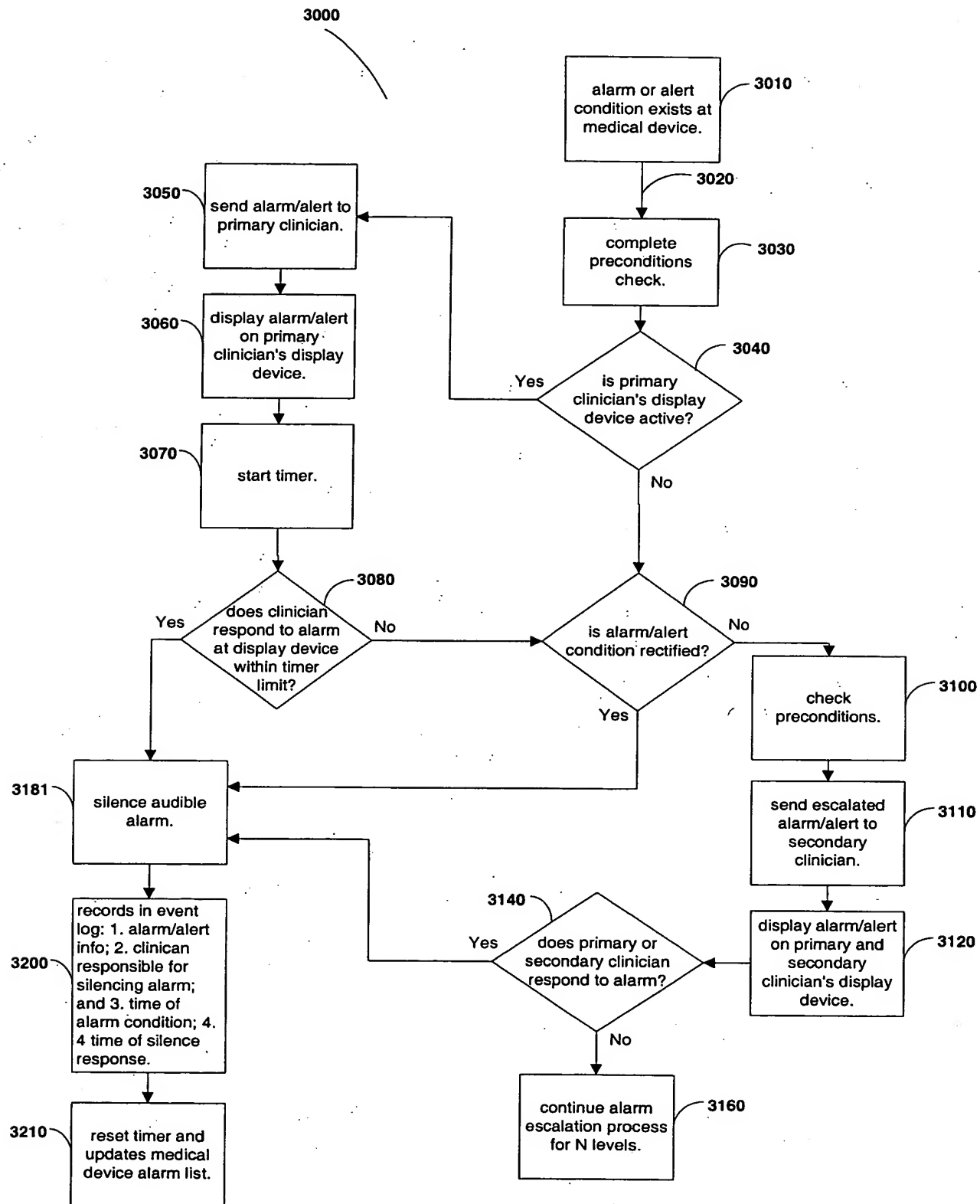


FIGURE 16a

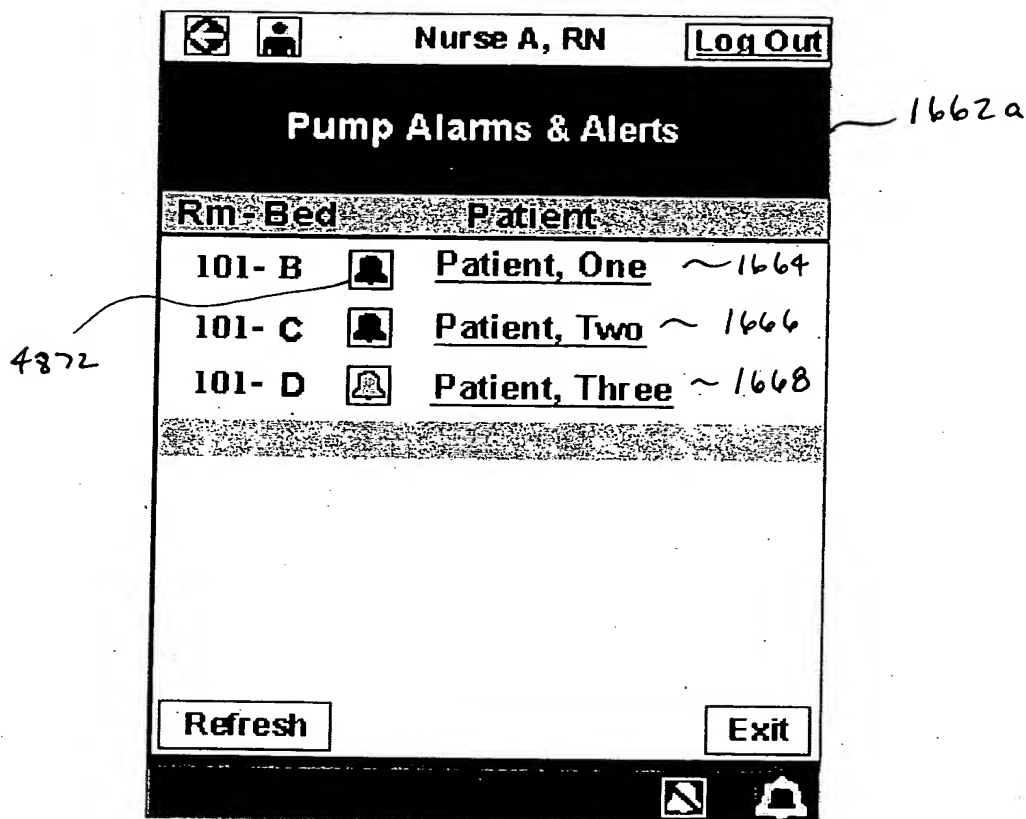


FIGURE 16b

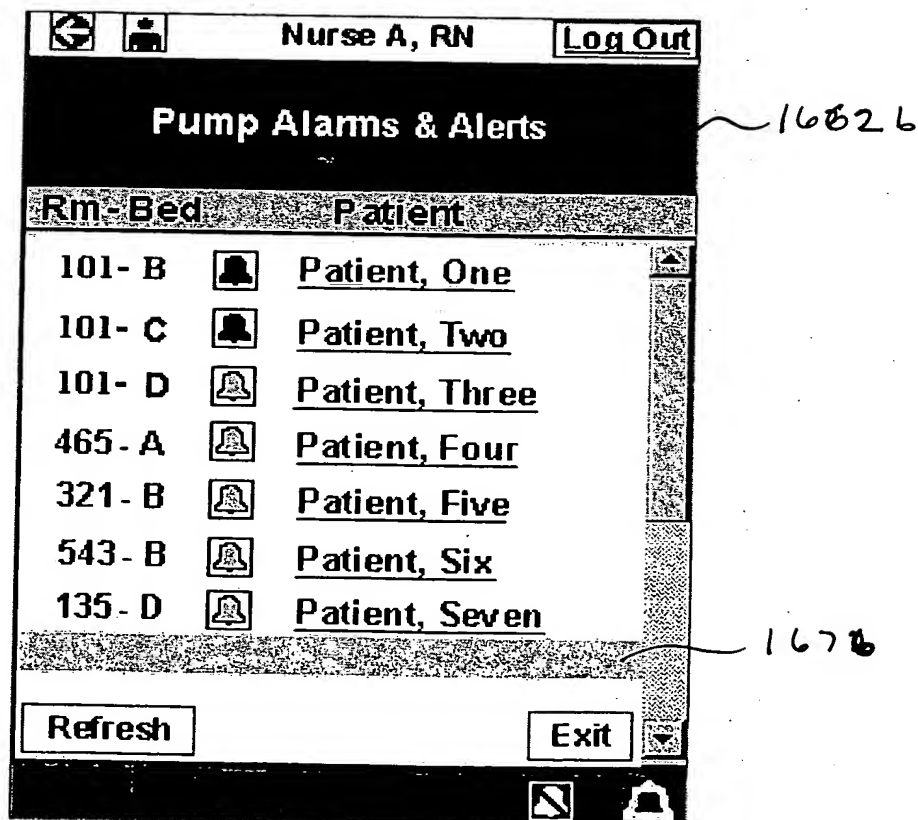


FIGURE 17

The screenshot shows a mobile application interface for 'Pump Alarms & Alerts'. At the top, there is a header bar with a back arrow icon, a user icon, the text 'Nurse A, RN', and a 'Log Out' button. Below the header, the title 'Pump Alarms & Alerts' is displayed. Underneath, there are two rows of data: 'Rm- Bed' and 'Patient'. The first row shows '101- B' and 'Patient, One'. Below this, there is a section for an alarm message, indicated by a bell icon and the text '#1: Alarm message here'. The message content is 'Acef 1 g, in Dextrose, 5% 50 m'. At the bottom of the screen, there are two buttons: 'Refresh' and 'Exit'. A handwritten number '4819' is next to the 'Refresh' button. A handwritten number '1765' is next to the title 'Pump Alarms & Alerts'. At the very bottom, there are two small icons: a square with a diagonal line and a bell icon.

FIGURE 18

The screenshot shows a mobile application interface for 'Pump Alarms & Alerts', similar to Figure 17. It has the same header bar with 'Nurse A, RN' and 'Log Out' button. The title 'Pump Alarms & Alerts' is displayed. Below the title, there are two rows of data: 'Rm- Bed' and 'Patient'. The first row shows '101- B' and 'Patient, One'. Below this, there are two sections for alarm messages, each indicated by a bell icon and the text '#1: Alarm message here'. The first message is 'Acef 1 g, in Dextrose, 5% 50 m'. The second message is also 'Acef 1 g, in Dextrose, 5% 50 m'. At the bottom of the screen, there are two buttons: 'Refresh' and 'Exit'. A handwritten number '1867' is next to the title 'Pump Alarms & Alerts'. A handwritten number '1878' is next to the first alarm message. A handwritten number '1882' is next to the second alarm message. At the very bottom, there are two small icons: a square with a diagonal line and a bell icon.

FIGURE 19

Figure 19 shows a login screen for a "Patient Care System" at "General Hospital". The screen has a dark header with the system name and hospital name in white. Below the header, there is a white area containing two input fields: "User Name" with the text "Nurse A" and "Password" with masked characters "xaxaxaxax". A "Login" button is located at the bottom of the input area.

1903

FIGURE 20

Figure 20 shows the same login screen as Figure 19, but with an error message: "Login failed. Check User Name or Password." The "User Name" and "Password" fields now have asterisks (*) next to them, indicating they are required. The "Login" button is still present at the bottom.

2005

FIGURE 21

The screenshot shows a mobile application interface. At the top, there is a header bar with the text "Nurse A, RN" and a "Log Out" button. Below the header is a dark bar with the text "Select UNIT". The main area contains a text input field with "Neurology ICU" and a dropdown arrow icon. To the right of the input field is a circular button with a right-pointing arrow. Handwritten labels with leader lines point to various elements: "2105" points to the "Select UNIT" header, "4809" points to the right arrow button, and "2107" points to the dropdown arrow icon.

FIGURE 22

The screenshot shows a mobile application interface for selecting a work shift. At the top, there is a header bar with the text "Nurse A, RN" and a "Log Out" button. Below the header is a dark bar with the text "Select WORK SHIFT". The main area contains two radio button options: "Standard Shift" (selected) and "Customize Shift". Below the "Standard Shift" option is a text input field with a dropdown arrow icon. To the right of the input field is a circular button with a right-pointing arrow. Handwritten labels with leader lines point to various elements: "2211" points to the "Select WORK SHIFT" header, "4809" points to the right arrow button, "2107" points to the dropdown arrow icon, and "2255" points to the "Standard Shift" radio button. Below the "Customize Shift" option, there are two time selection sections. The first section is labeled "Time" and has "Start:" followed by two time pickers showing "18:" and "30:". The second section is also labeled "Time" and has "End:" followed by two time pickers showing "00:" and "00:".

FIGURE 23

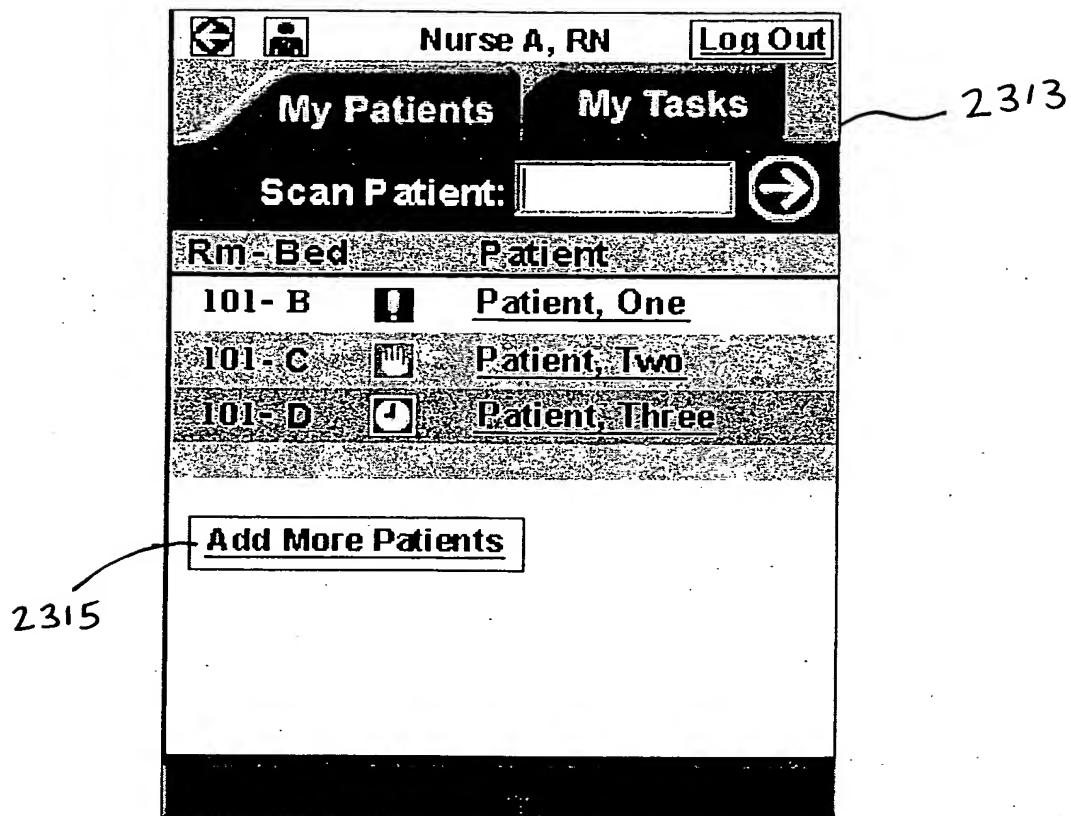


FIGURE 24

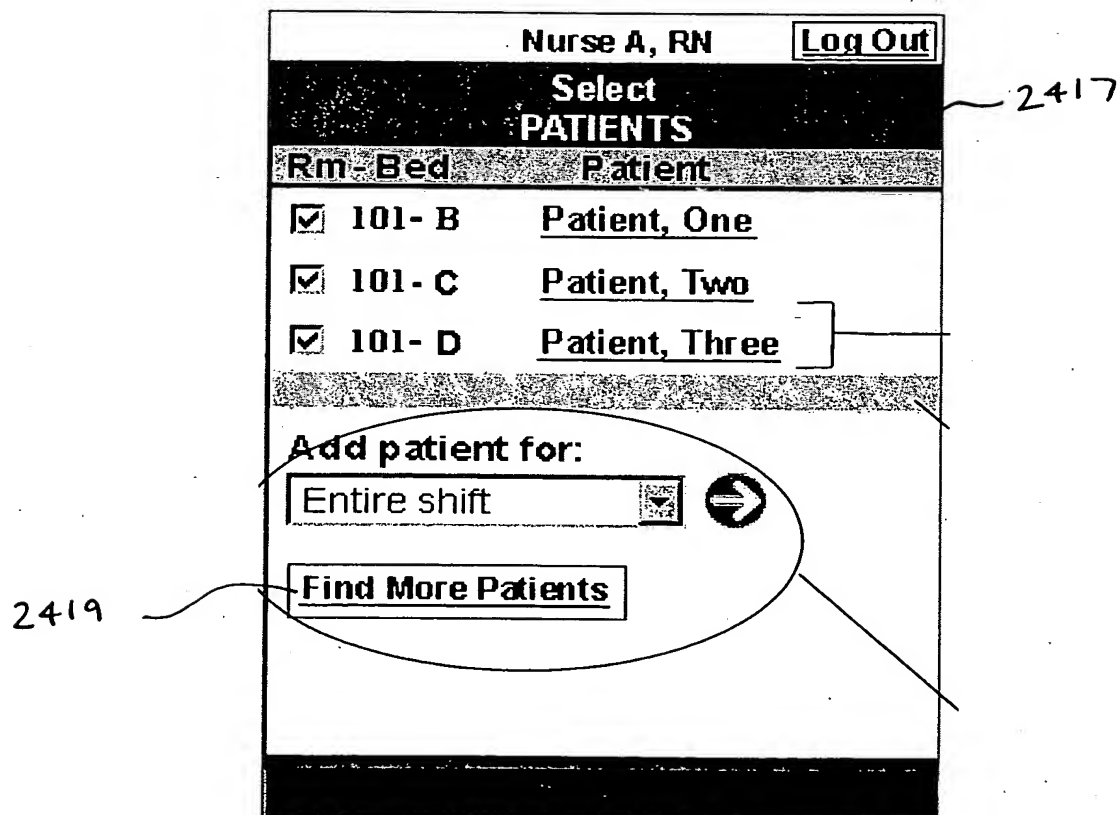


FIGURE 25

Nurse A, RN **Log Out**

Patient, One -- 101-B

Mini-Chart: Allergies (NKA)

Administer Meds/Infusions

STOP Infusion

RESUME Infusion

Titrate Infusion

Flow Rate History

Pump Status

Remove Patient from Shift

2521

FIGURE 25a

Ninety-Three, James RN **Log Out**

Ninety-Nine, Douglas, Mr. (MDLOC1)

MDUnit1: MDRoom1 - MDBed1

Dr. Ninety, Susan

Mini-Chart: Allergies

Allergies & Ht/Wt **Med Hx**

Lab Results

Drug Allergy

Acetaminophen


General Allergy

Date Observed	Height	Weight
8-22 14:16	183.00 cm	85.0 Kg
	72.05 in.	187.39 lbs

Back

2521a

FIGURE 25b

 **Ninety-Three, James RN** [Log Out](#)

Ninety-Nine, Douglas, Mr. (MDLOC1)
MDUnit1: MDRoom1 - MDBed1
Dr. Ninety, Susan


Mini-Chart Allergies (NKA)

Allergies & Ht/Wt **Med Hx**

Lab Results

All ☒ **Scheduled** ☐ **PRN** ☐


Look Back Period **hours**

Acetaminophen Cap 500 MG
500 MG = 1 CAP
Oral
TID
Admin Date: 6-3 12:53
Patient Refused
more... 

Back

2521b

FIGURE 25c

 **Ninety-Three, James RN** [Log Out](#)

Ninety-Nine, Douglas, Mr. (MDLOC1)
MDUnit1: MDRoom1 - MDBed1
Dr. Ninety, Susan

Mini-Chart Allergies

Allergies & Ht/Wt **Med Hx**

Lab Results

Lab Test	Result	Range	H / L	Date
POTASSIUM	3.1	3.6 - 5 mmol/L	Normal	5/16/2003 9:00:00 AM

Back

2521c

FIGURE 26

	Time	Med	Last
<input checked="" type="checkbox"/>	11:30	MORPHINE SULFATE Continuous Infusion ⚠	12:00
<input type="checkbox"/>	13:30 NR	Continuous Infusion (De SI	
<input type="checkbox"/>	15:30 NR	Continuous Infusion (De SI	
<input type="checkbox"/>	17:30 NR	Continuous Infusion (De ⚠	

2623

2625

FIGURE 26a

MA-Continuous Infusion
Dextrose 5% w/Sodium Chloride 0.45%
200 ML
Route: Intravenous
Flow Rate: 50 ML/H
Estimated Admin. Period: 4 Hours

⚠ Warning: Wear Gloves

i Show Edubyte info here

RX not previously administered
Start Time: 6-2 14:54
End Time: 7-7 14:54

2627

2629

2631

2633

FIGURE 27a

Ninety-Three, James RN [Log Out](#)

WORKFLOW INFUSION: STOP
Ninety-Six, Samuel, Mr. MDRoom1 -
MDBed1
[Mini-Chart Allergies](#)

Scan Item:

Continuous Infusion
Dextrose Inj 20%
500 ML
Route: Intravenous Flow Rate:
125 ML/H
Estimated Administration Period:
4 Hours

Order has been D/C'd

[Back to Patient list](#)

2727a

FIGURE 27b

Ninety-Three, James RN [Log Out](#)

WORKFLOW INFUSION: STOP
Ninety-Six, Samuel, Mr. MDRoom1 -
MDBed1
[Mini-Chart Allergies](#)

Continuous Infusion
Dextrose Inj 20%
500 ML
Route: Intravenous Flow Rate: 125
ML/H
Estimated Administration Period: 4
Hours

Please select a reason for Stop
Infusion

Stop Time[M/D/Y HH:MM]

[Cancel](#)

[Back to Patient list](#)

2727b

FIGURE 27c

Ninety-Three, James RN [Log Out](#)

WORKFLOW INFUSION: RESUME

Ninetyfour-Pointfive, Fred, Mr.
MDRoom1 - MDBed4
Mini-Chart Allergies (Not Specified)

Scan Item:

Continuous Infusion
Dextrose Inj 20%
500 ML
Route: Intravenous Flow Rate: 125
ML/H
Estimated Administration Period: 4
Hours

Stopped w/o Order

[Back to Patient list](#)

2727c

FIGURE 27d

Ninety-Three, James RN [Log Out](#)

WORKFLOW INFUSION: RESUME

Ninetyfour-Pointfive, Fred, Mr.
MDRoom1 - MDBed4
Mini-Chart Allergies (Not Specified)

Continuous Infusion
Dextrose Inj 20%
500 ML
Route: Intravenous Flow Rate:
125 ML/H
Estimated Administration Period:
4 Hours

Stopped w/o Order
Please select a reason for Resume
Infusion

Cancel

[Back to Patient list](#)

2727d

4809

FIGURE 28

Nurse A, RN Log Out

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

< 10:19 - 12:19 >

SCH 13

	Time	Med	Last
<input checked="" type="checkbox"/>	13:30	MORPHINE SULFATE Continuous Infusion	12-9 2:00
<input type="checkbox"/>	13:30	Continuous Infusion (De SI	
<input type="checkbox"/>	15:30	Continuous Infusion (De SI	
<input type="checkbox"/>	17:30	Continuous Infusion (De	

4837

2835

2839

FIGURE 29

Nurse A, RN Log Out

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

Missed Medication

Please select a reason for LATE:

☐ Adjust schedule for:

MORPHINE SULFATE
 Continuous Infusion
 60 MG = 30 ML
 Route: Injection
 Flow Rate: 30 ML/H
 Estimated Admin. Period: 1 Hour

4837

2941

2943

2945

FIGURE 30

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

Missed Medication
Please select a reason for LATE

- Patient unavailable at sched. time
- Not Required**
- Cycle Count
- Insufficient Stock
- Re-open drawer
- Maintain Admin Test
- Already have item
- Item Unavailable
- Refused

3047

3045

FIGURE 31

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

< 10:19 - 12:19 >

SCHED 13:

	Time	Med	Last
<input type="checkbox"/>	13:30	MORPHINE SULFATE Continuous Infusion	12-9 2:00
		NR	
<input type="checkbox"/>	13:30	Continuous Infusion (De SI	
		NR	
<input type="checkbox"/>	15:30	Continuous Infusion (De SI	
		NR	
<input type="checkbox"/>	17:30	C ntinuous Infusion (De	
		NR	

4857

3135

2839

FIGURE 32

Nurse A, RN **Log Out**

SCHED 13

	Time	M d	Last
<input checked="" type="checkbox"/>	11:30	MORPHINE SULFATE Continuous Infusion ⚠	12/9 2:00
<input type="checkbox"/>	13:30	Continuous Infusion (De NR SI	
<input type="checkbox"/>	15:30	Continuous Infusion (De NR SI	
<input type="checkbox"/>	17:30	Continuous Infusion (De NR ⚠	

Get Items

3235

3225

3249

FIGURE 33

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

Scan Depot:

Search Items

Item	DepotUnit	Qty
Morphine Sulfate Inj	in other	
2 MG/ML QA	units	
Morphine Sulfate Inj	in other	
2 MG/ML QA	units	

Skip Scan Depot

3353

3351

3355

FIGURE 34

3465

3467

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

Rx Scan Item:

MORPHINE SULFATE
Continuous Infusion
60 MG = 30 ML
Route: Injection
Flow Rate: 30 ML/H
Estimated Admin. Period: 1 Hour

Quantity: ML(s)

Get: 30 ML

Warning: Wear Gloves

Show Edubyte info here

FIGURE 35

3569

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

Scan Depot:

Scan code is invalid.

Search Items

Item	Depot	Unit	Qty
Morphine Sulfate Inj		in other	
2 MG/ML QA		units	
Morphine Sulfate Inj		in other	
2 MG/ML QA		units	

Skip Scan Depot

FIGURE 36

Nurse A, RN Log Out

Patient, One - 101-B

Mini-Chart Allergies (NKA)

Scan Patient:

If cannot admin, select a reason:

Not Req Due to Monitoring Result
Patient Unavailable
Refused

Waste/Return

3657

3659

3661

3663

FIGURE 37

Nurse, C RN Log Out

Patient: Three Mr. 100-C

Mini-Chart Allergies

Verify Route, Line & Site

Rx Sodium Chloride 0.9%
Continuous Infusion
Rx Sodium Chloride 0.9%
1000 ML
Route: Intravenous Flow Rate: 50 ML/H
Estimated Administration Period: 20 Hours

Please hang the bag,
program the pump
and record the following information
but DO NOT start the pump channel until instructed:

Route: 3773

Line: 3775

Site: 3777

Compare Route

3771

3778

4817

FIGURE 38

The screenshot shows a medical device interface. At the top, there is a header bar with a back arrow icon, a user icon, the text 'Nurse, C RN', and a 'Log Out' button. Below the header, there is a patient information bar with the text 'Patient: Three Mr. 100 C' and a 'Mini-Chart All roles!' button. The main title of the screen is 'Select Pump Channel Mode'. Below the title, the following text is displayed: 'Rx Sodium Chloride 0.9%', 'Continuous Infusion', 'Rx Sodium Chloride 0.9%', '1000 ML', 'Route: Intravenous Flow Rate: 50 ML/H', and 'Estimated Administration Period: 20 Hours'. At the bottom, there is a section titled 'Select Pump Channel Mode:' with two options: 'Primary' and 'Pinnyback'. Each option has a small square icon next to it. Handwritten annotations include '3881' next to the top right corner, '3882' next to the infusion details, '3884' next to the 'Primary' option, and '3883' next to the 'Pinnyback' option.

Nurse, C RN Log Out

Patient: Three Mr. 100 C Mini-Chart All roles!

Select Pump Channel Mode

Rx Sodium Chloride 0.9%
Continuous Infusion
Rx Sodium Chloride 0.9%
1000 ML
Route: Intravenous Flow Rate: 50 ML/H
Estimated Administration Period: 20 Hours

Select Pump Channel Mode:

Primary Pinnyback

FIGURE 38a

The screenshot shows a medical device interface. At the top, there is a header bar with a back arrow icon, a user icon, the text 'Nurse, C RN', and a 'Log Out' button. Below the header, there is a patient information bar with the text 'Patient: Three Mr. 100 C' and a 'Mini-Chart Allergies!' button. The main title of the screen is 'Scan Pump Channel'. Below the title, the following text is displayed: 'Rx Sodium Chloride 0.9%', 'Continuous Infusion', 'Rx Sodium Chloride 0.9%', '1000 ML', 'Route: Intravenous Flow Rate: 50 ML/H', and 'Estimated Administration Period: 20 Hours'. At the bottom, there is a section titled 'Scan Pump Channel' with a series of dots and a small square icon. A handwritten annotation '4809' is next to the icon. Handwritten annotations include '3885' next to the top right corner.

Nurse, C RN Log Out

Patient: Three Mr. 100 C Mini-Chart Allergies!

Scan Pump Channel

Rx Sodium Chloride 0.9%
Continuous Infusion
Rx Sodium Chloride 0.9%
1000 ML
Route: Intravenous Flow Rate: 50 ML/H
Estimated Administration Period: 20 Hours

Scan Pump Channel

FIGURE 39

⏪
Nurse, C RN
Log Out

Patient, Three, Mr.
 1 West: 100 - C
 MD1, Test

Pharm & Pump Comparison

Continuous Infusion Rx Sodium Chloride 0.9% 1000 ML Route:
 Intravenous Flow Rate: 50 ML/hr Estimated Administration
 Period: 20 Hours

Program the Pump Channel and:

- > If this is a PRIMARY –
 Click COMPARE below Now and
 wait until instructed to start pump channel.
- > If this is a PIGGYBACK –
 Press the "Start" key on the
 pump Now, then Click COMPARE.

If Piggyback Infusion, ensure PRIMARY is placed LOWER THAN
 than PIGGYBACK and that PIGGYBACK roller clamp is OPEN.

Compare

3986

4817

FIGURE 39a

⏪
Nurse A, RN
Log Out

Patient, One
 Rm - Bed 101-B
 Dr. One (111)111-1111 ext. 1

Pharm & Pump Comparison

Acef 1 g, in Dextrose, 5 % 50 mL
 run at 100 mL/hr

	Pharm Label	=	Pump Settings
Rate	100 mL/hr		100 mL/hr

Comparison MATCHES.
 Press "Start" key on pump.

OK

3987

FIGURE 40

Nurse A, RN Log Out

Patient, One
Rm - Bed 101-B
Dr. One (111)111-1111 ext. 1

Pharm & Pump Comparison

Ancel 1 g, in Dextrose, 5 % 50 mL
run at 100 mL/hr

	Pharm Label	≠ Pump Settings
Rate	100 mL/hr	50 mL/hr

Please Verify with PHYSICIAN Order.
Then to accept the mismatch, press "Start"
key on pump and then click "OK" below.
You can also reprogram the pump and
then click "Compare again".

OK Compare again

4087

4825

4817

FIGURE 41

Nurse A, RN Log Out

Patient, One
Rm - Bed 101-B
Dr. One (111)111-1111 ext. 1

Pharm & Pump Comparison

Ancel 1 g, in Dextrose, 5 % 50 mL
run at 100 mL/hr

	Pharm Label	? Pump Settings
Rate	100 mL/hr	? mL/hr

Cannot compare.
Press "Rate" key and COMPARE.

COMPARE

4187

4817

FIGURE 42

Nurse A, RN **Log Out**

Patient, One
Rm - Bed 101-B
Dr. One (111)111-1111 ext. 1

Pharm & Pump Comparison

Ancef 1 g, in Dextrose, 5 % 50 mL
run at 100 mL/hr

	Pharm Label	? Pump Settings
Rate	100 mL/hr	? mL/hr

Cannot compare. Press "Start" key on pump and click COMPARE, to retry comparison.

COMPARE

Baxter

4287

4817

FIGURE 43

Nurse A, RN **Log Out**

Patient, One
Rm - Bed 101-B
Dr. One (111)111-1111 ext. 1

Pump Status

4807 **Ancef 1 g, in Dextrose, 5 % 50 mL**
run at 100 mL/hr

Rate	60 mL/h
Volume Infused	5 mL
Volume Remaining	45 mL
Time Remaining	45 min.

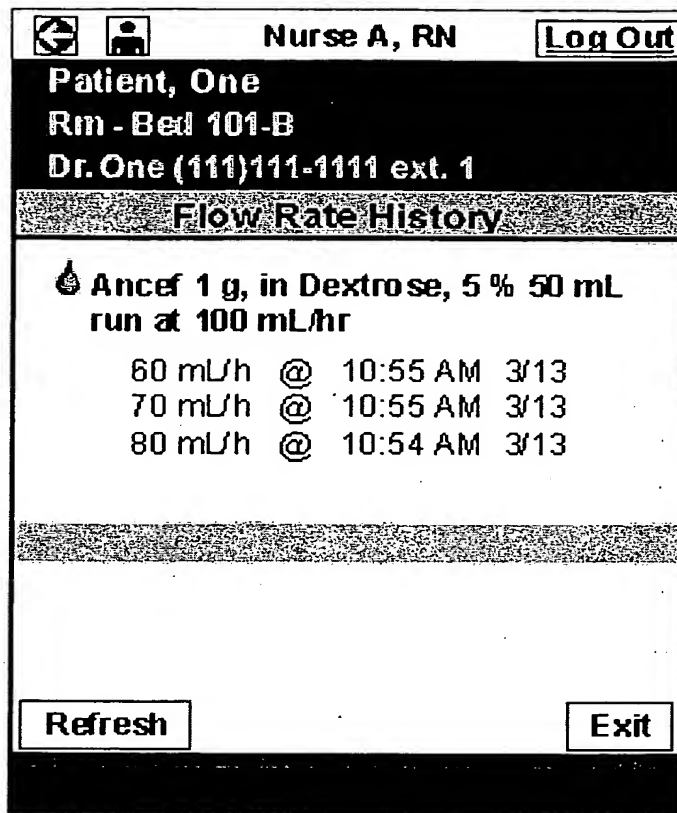
*NOTE: Pump Override Accepted

4819 **Refr sh** **Exit**

Baxter

4391

FIGURE 44



Nurse A, RN **Log Out**

Patient, One
Rm - Bed 101-B
Dr. One (111)111-1111 ext. 1

Flow Rate History

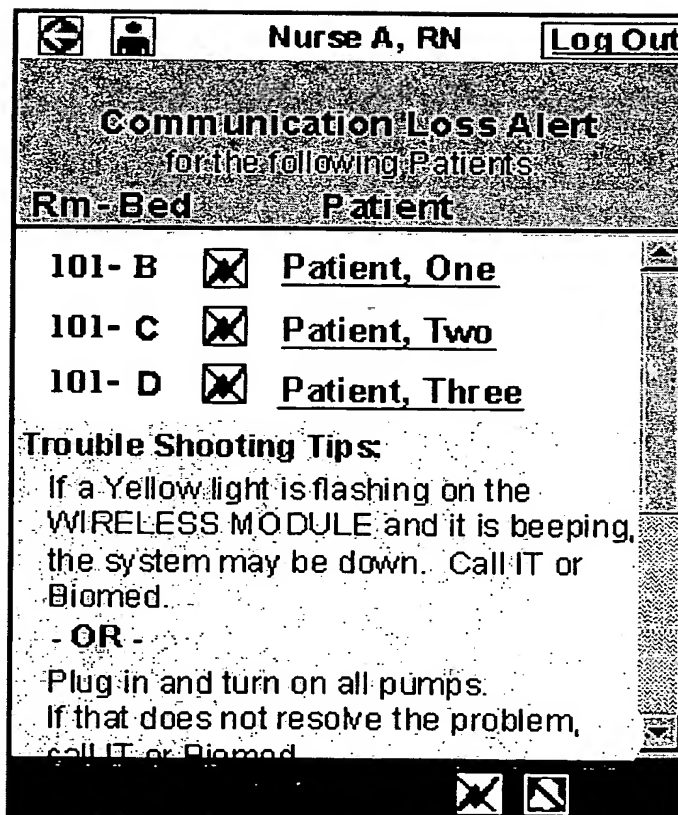
Ancef 1 g, in Dextrose, 5 % 50 mL
run at 100 mL/hr

60 mL/h	@	10:55 AM	3/13
70 mL/h	@	10:55 AM	3/13
80 mL/h	@	10:54 AM	3/13

Refresh **Exit**

4493

FIGURE 45a



Nurse A, RN **Log Out**

Communication Loss Alert
for the following Patients

Rm - Bed	Patient
101- B	<input checked="" type="checkbox"/> <u>Patient, One</u>
101- C	<input checked="" type="checkbox"/> <u>Patient, Two</u>
101- D	<input checked="" type="checkbox"/> <u>Patient, Three</u>

Trouble Shooting Tips:
If a Yellow light is flashing on the WIRELESS MODULE and it is beeping, the system may be down. Call IT or Biomed.
- OR -
Plug in and turn on all pumps.
If that does not resolve the problem, call IT or Biomed.

4501

FIGURE 45b

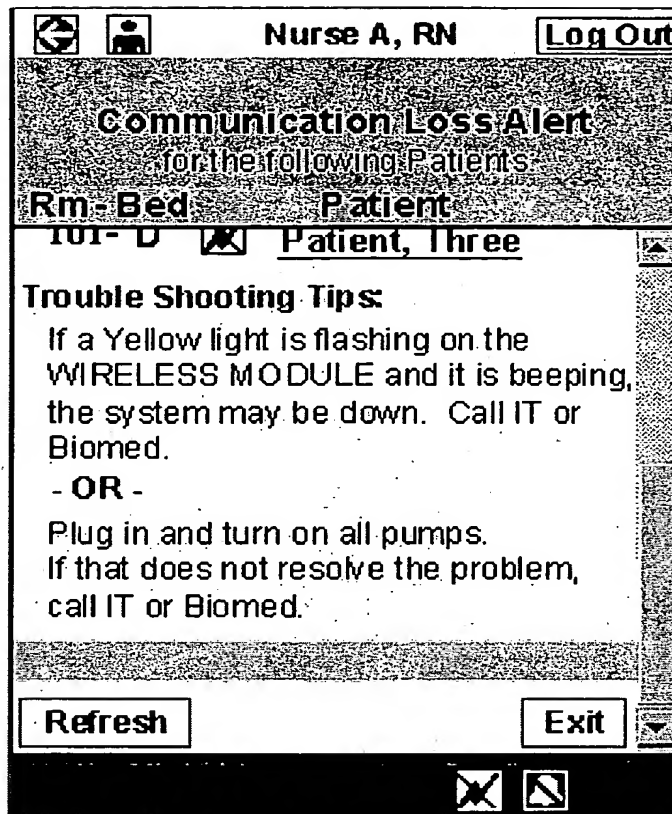


FIGURE 46

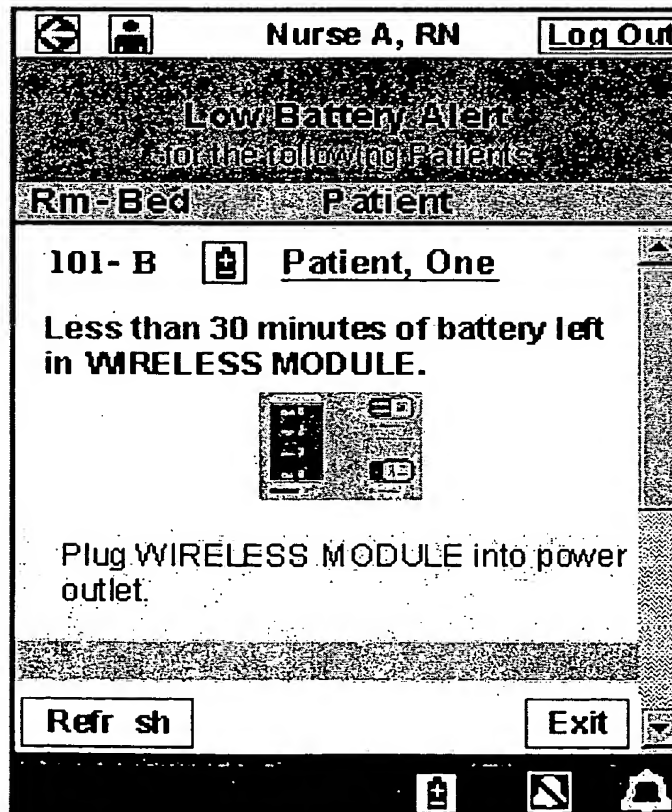


FIGURE 47

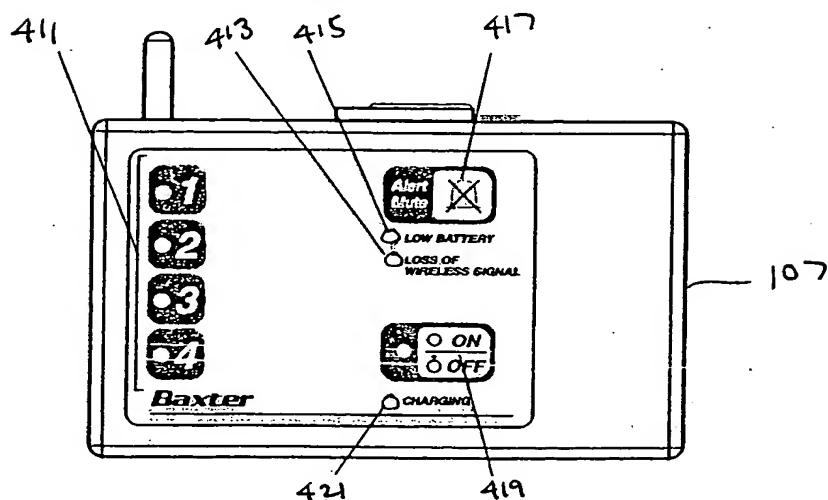


FIGURE 48














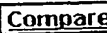





Icon		Icon	
	4801		4805
	4803		4823
	4805		4825
	4807		4827
	4809		4872
	4811		
	4813		
	4815		
	4817		
			4874
	4819		4833
	4821		4835

FIGURE 49

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart Allergies (NKA)

Record Admin Result 4937

Please select Admin Result:

MORPHINE SULFATE
 Continuous Infusion
 60 MG = 30 ML
 Route: Injection
 Flow Rate: 30 ML/H
 Estimated Admin. Period: 1 Hour

FIGURE 50

	Time	Med	Last
<input type="checkbox"/>	14:39	Digoxin Tab 0.125	
	NR	MG 0.125 MG = 1	
		TAB Oral QD q	
		MP ←	

5001

FIGURE 50a

Ninety-Three, James RN **Log Out**

Ninety-Six, Samuel, Mr. MDRoom1 - MDBed1 5003

Mini-Chart Allergies (NKA)

Monitoring Parameters

Blood Pressure

Mm/Hg.

Supine

Save

- Back -

FIGURE 51

The screenshot shows a medical software interface. At the top, there is a header bar with a user icon, the text "Ninety-Three, James RN", and a "Log Out" button. Below this is a patient selection bar with "Eightytwo, Anthony, MDRoom1" and "MDDefaultBed". The main content area is titled "Mini-Chart Allergies" and contains the following text: "ACETAMINOPHEN/CODEINE #4", "Acetaminophen w/ Codeine Tab", "300-60 MG 60 MG = 1 TAB Oral", and "QID". Below this is the text "Drawer 1, Bin 05". Further down is a section for medication counting: "Count before the removal of medication(first count)", "Qty on hand:", a text input field, and "TAB(s)". At the bottom are two buttons: "Count", "Back to Patient List", and "Re-open drawer".

Ninety-Three, James RN Log Out

Eightytwo, Anthony, MDRoom1
MDDefaultBed

Mini-Chart Allergies

ACETAMINOPHEN/CODEINE #4
Acetaminophen w/ Codeine Tab
300-60 MG 60 MG = 1 TAB Oral
QID

Drawer 1, Bin 05

Count before the removal of
medication(first count)
Qty on hand:
 TAB(s)

Count
Back to Patient List
Re-open drawer

5101

FIGURE 52

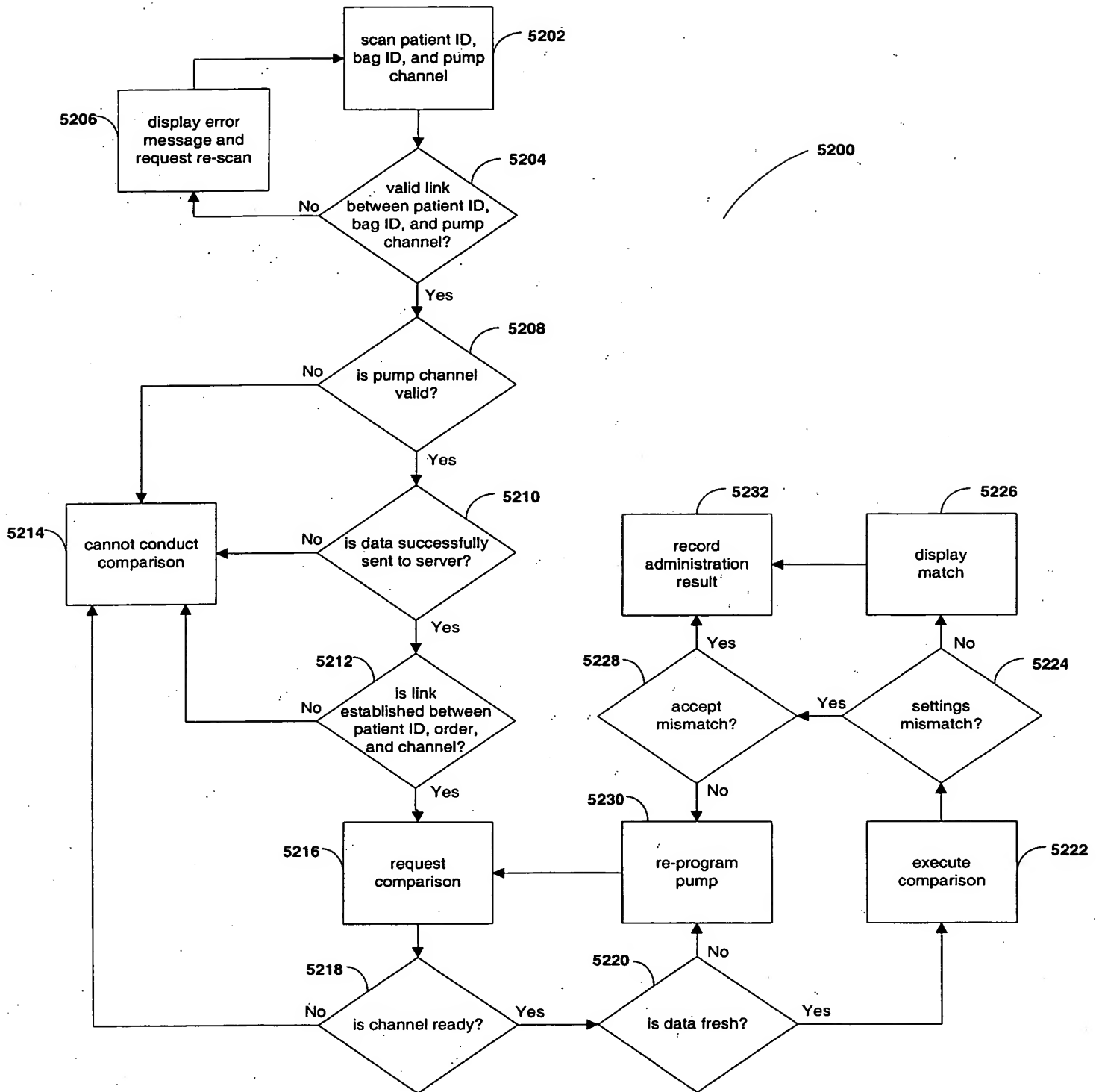
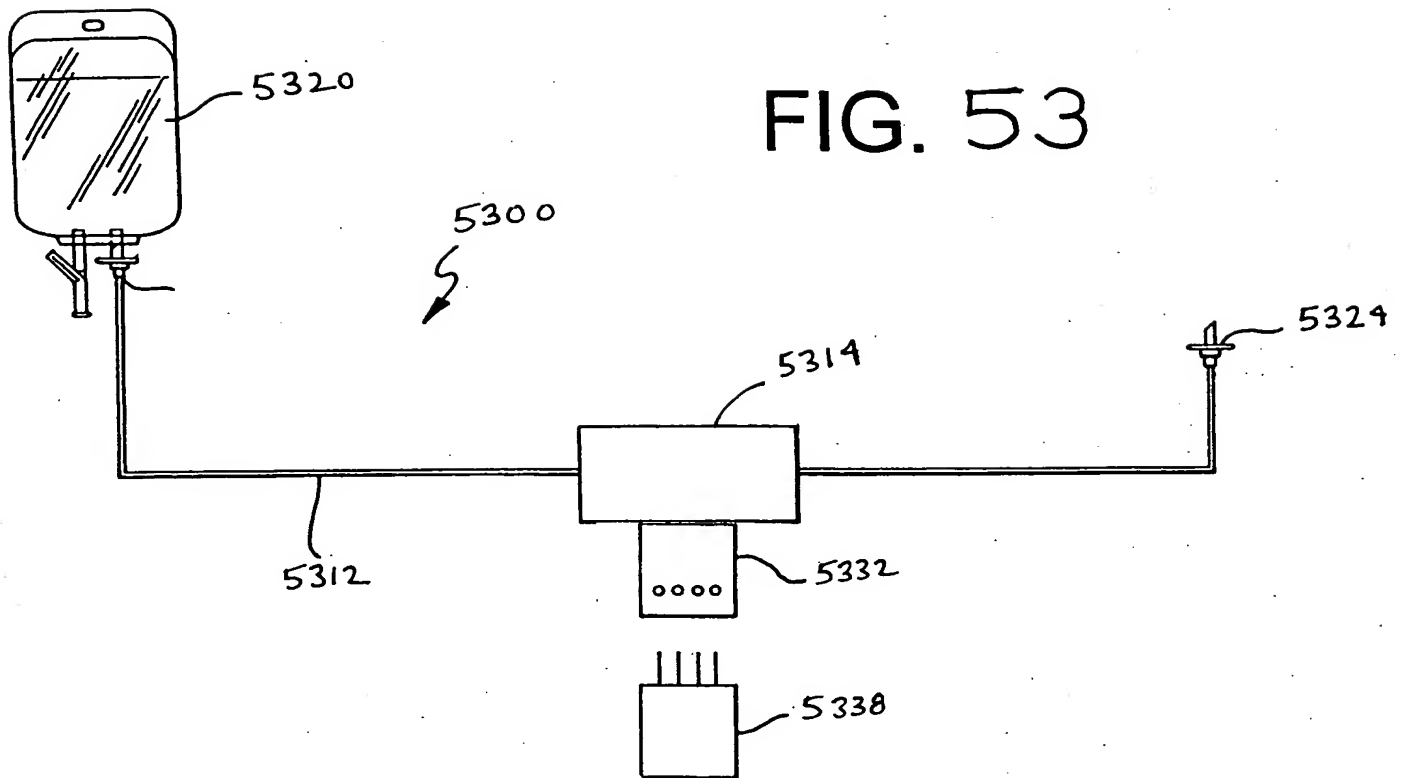


FIG. 53



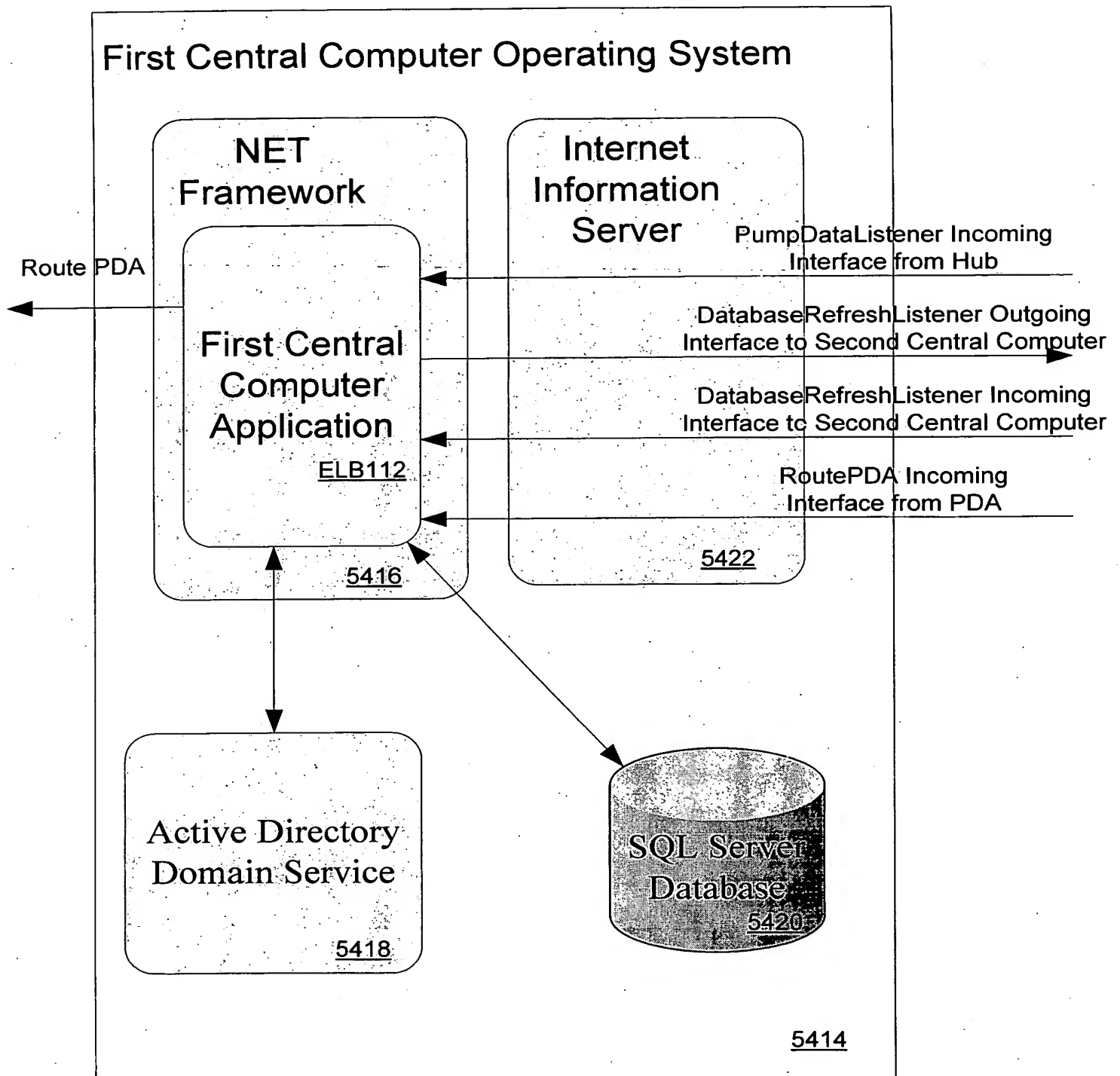


FIGURE 54

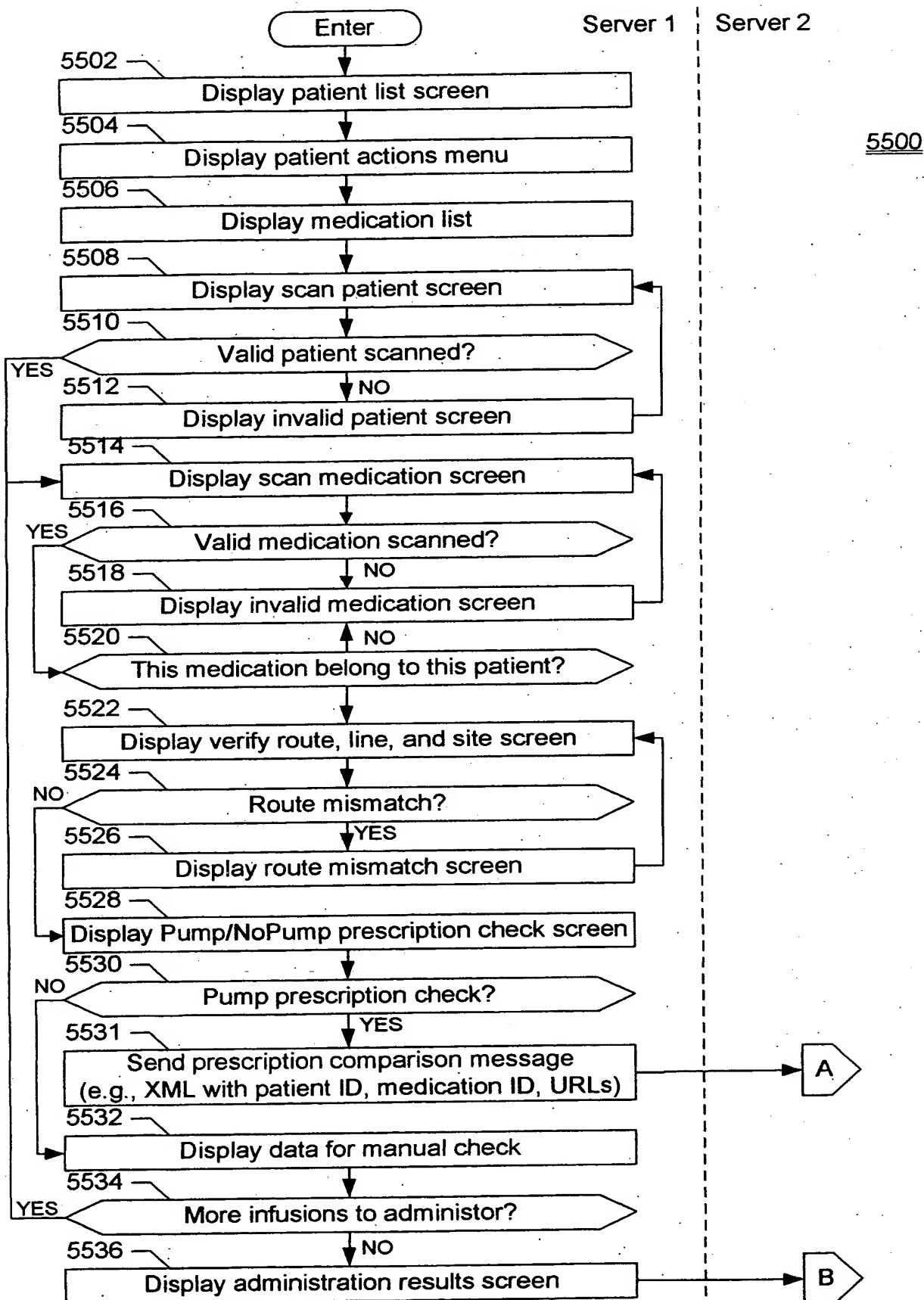
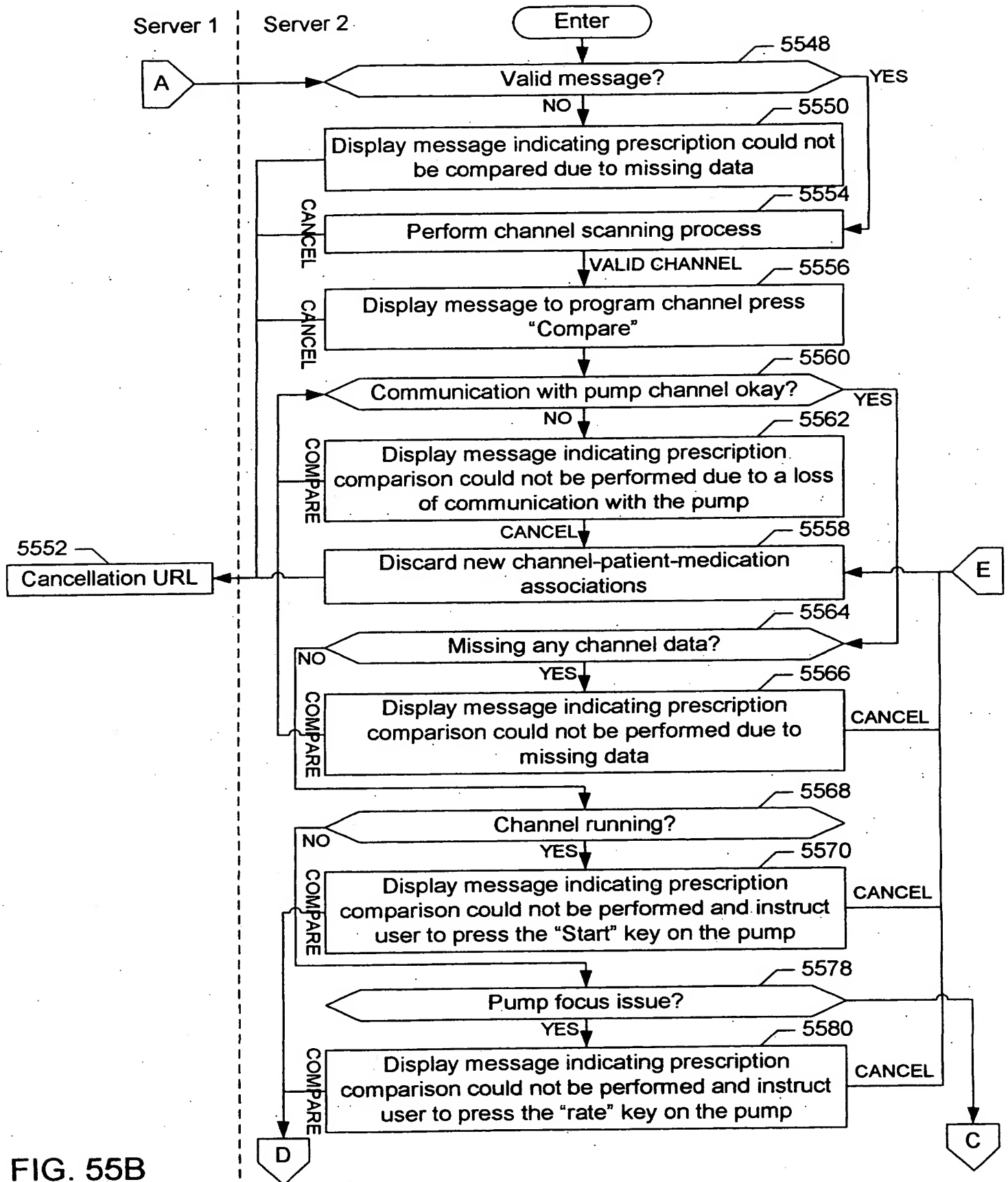


FIG. 55A



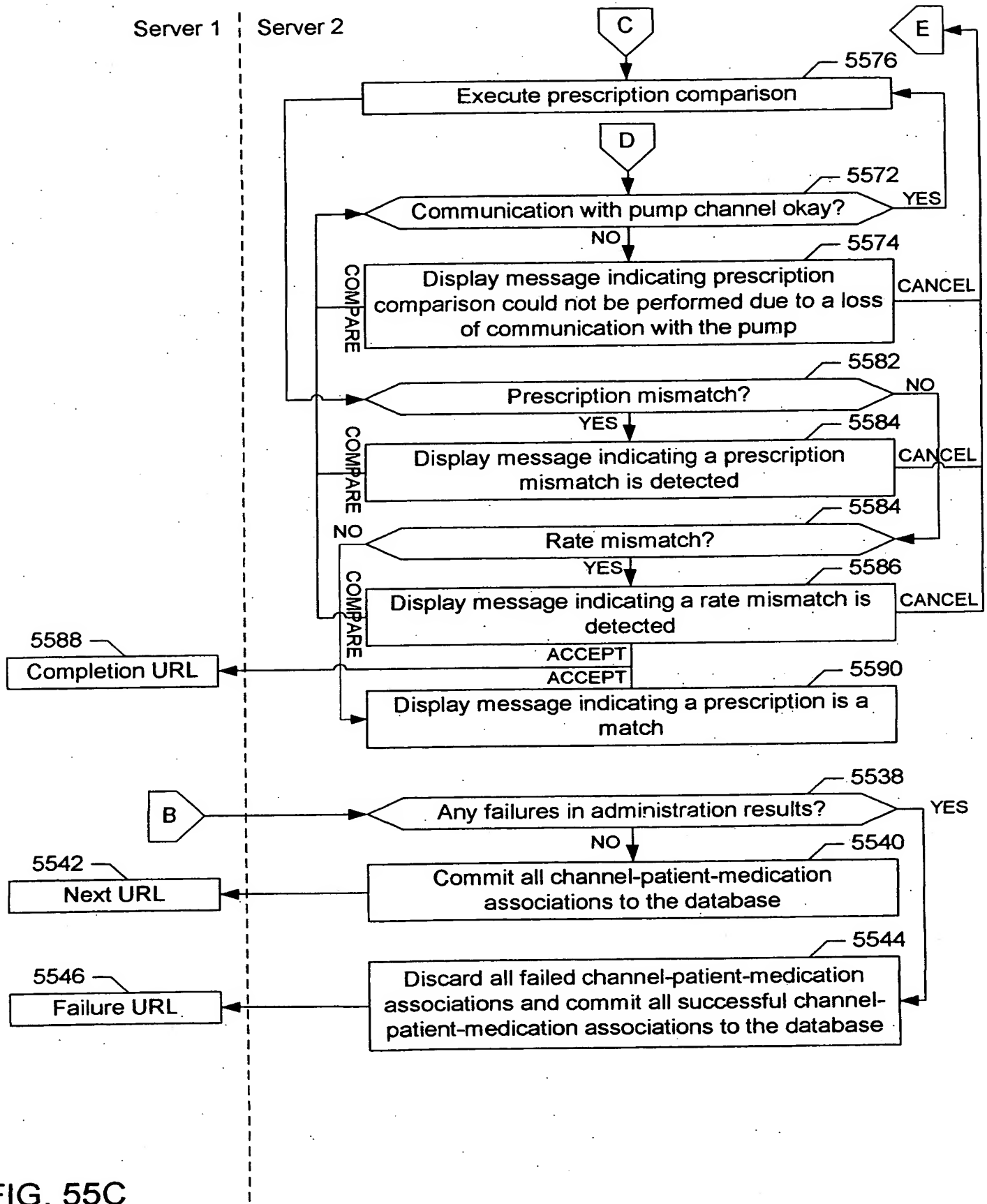


FIG. 55C

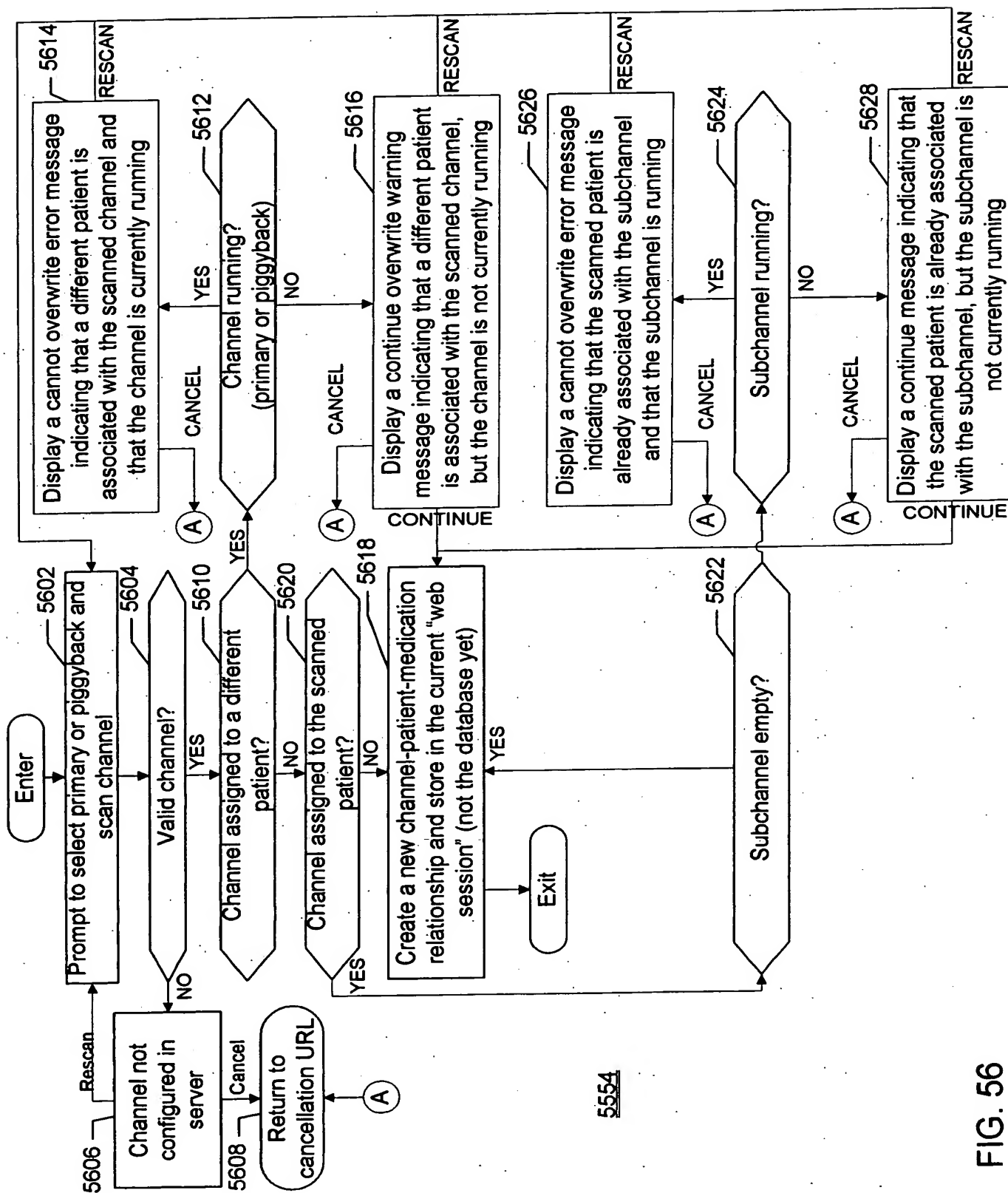


FIG. 56

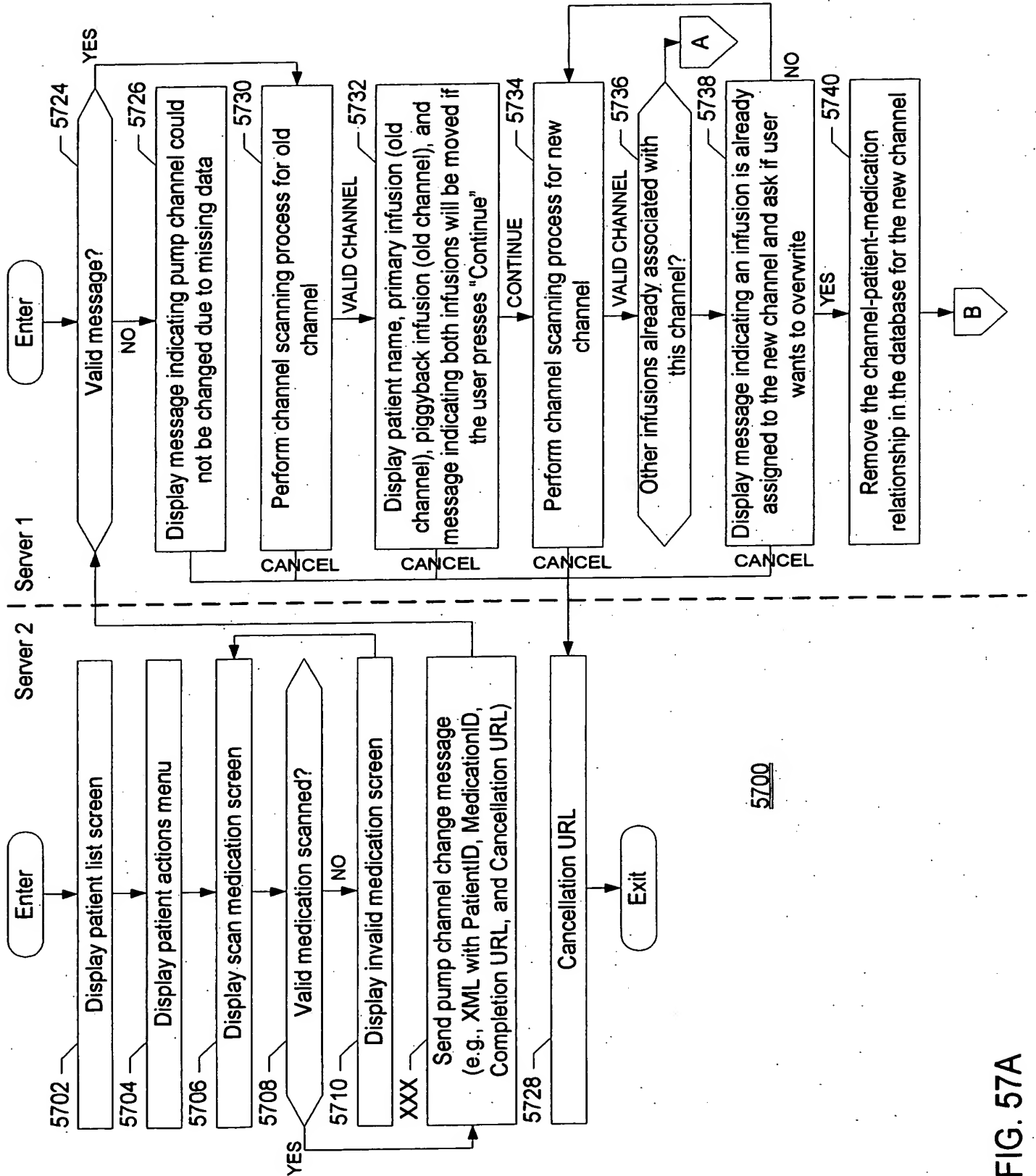


FIG. 57A

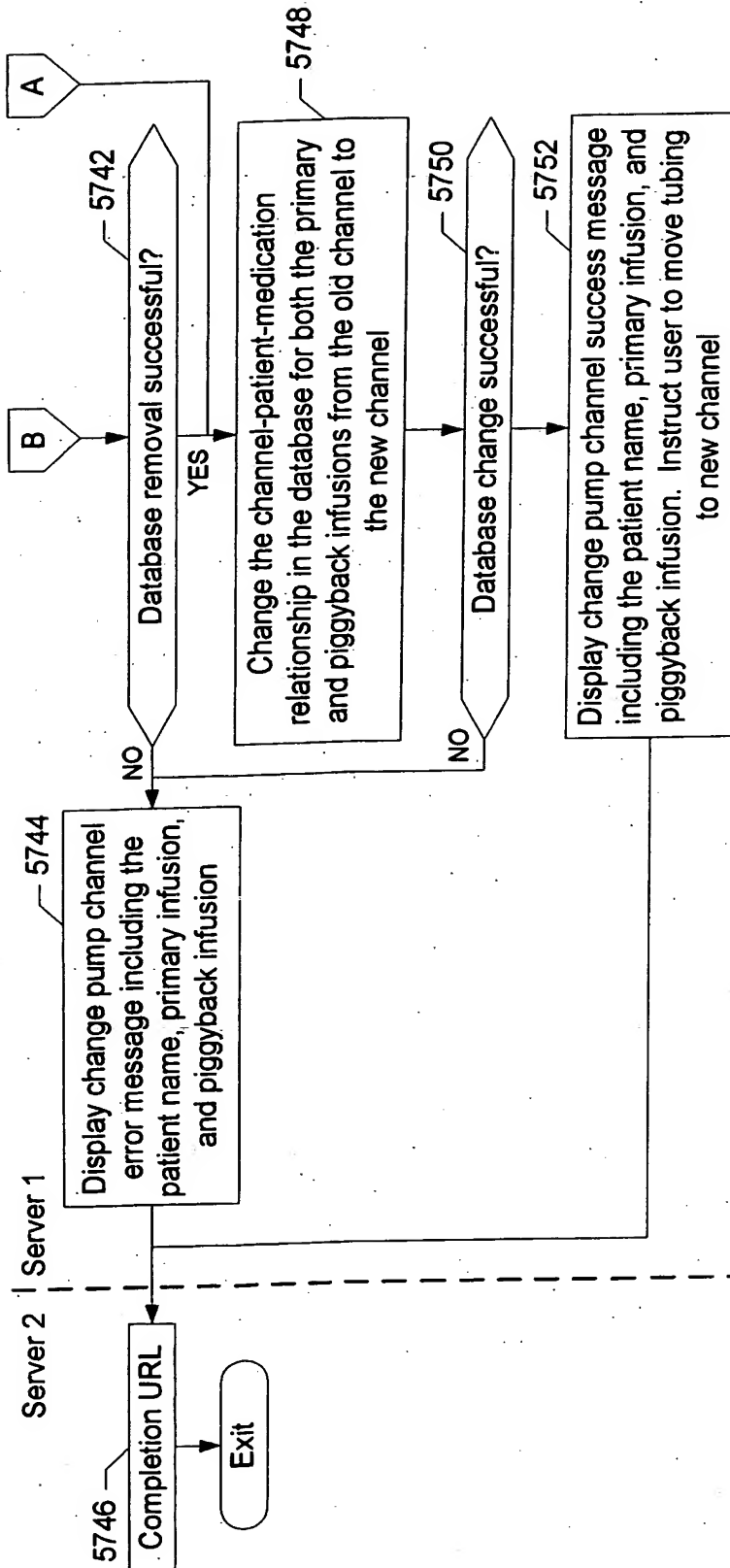


FIG. 57B

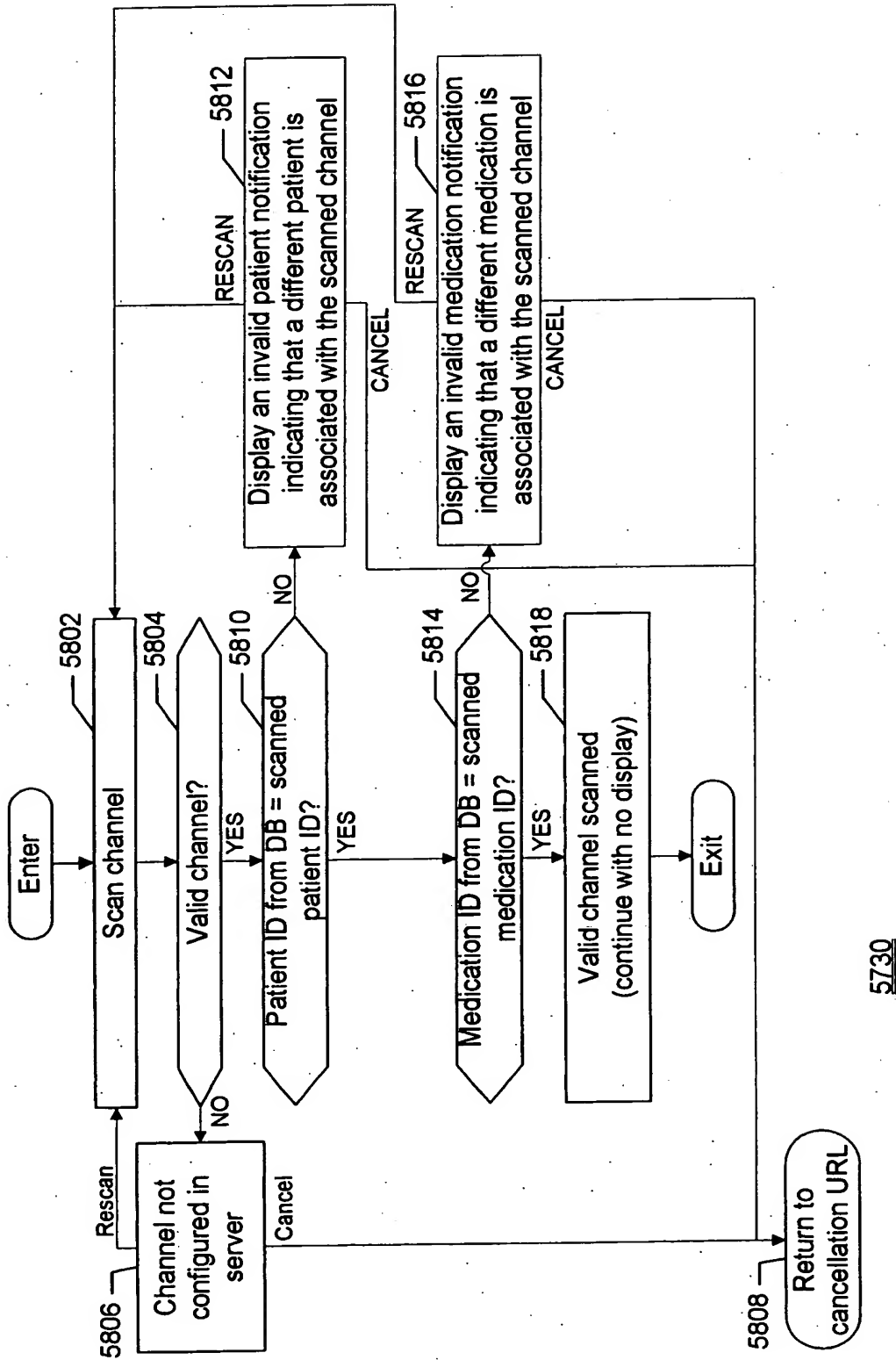


FIG. 58

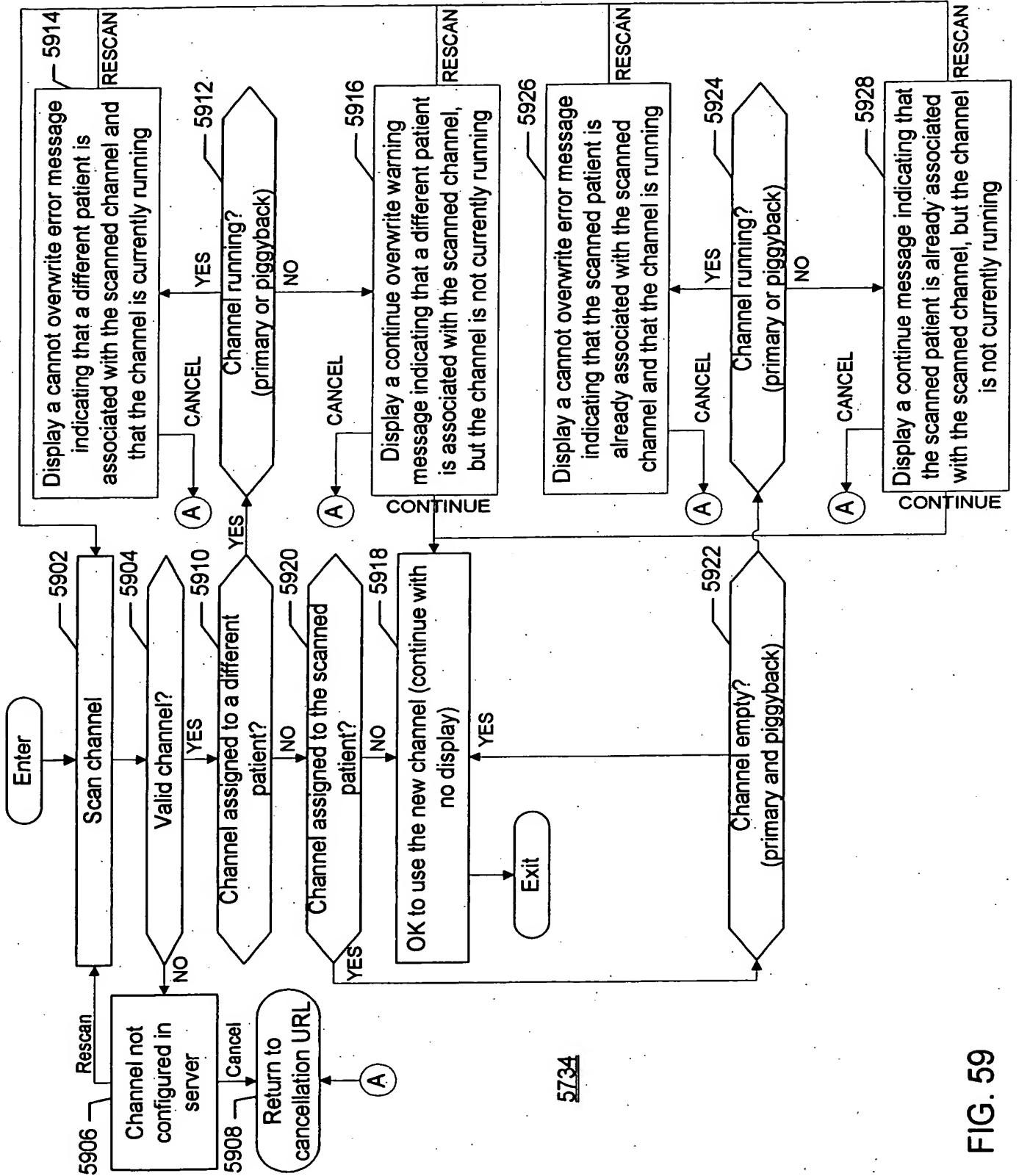


FIG. 59

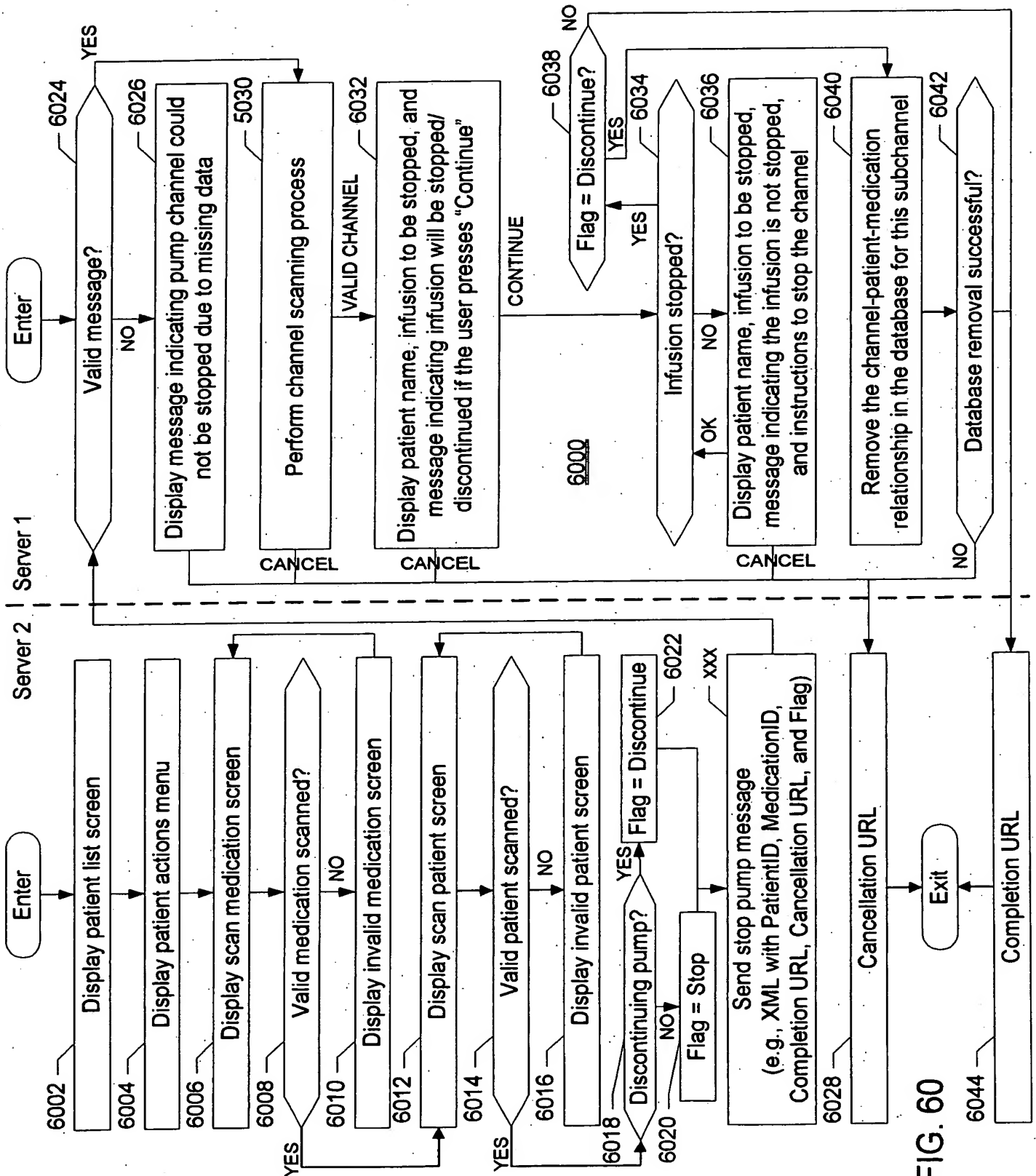


FIG. 60

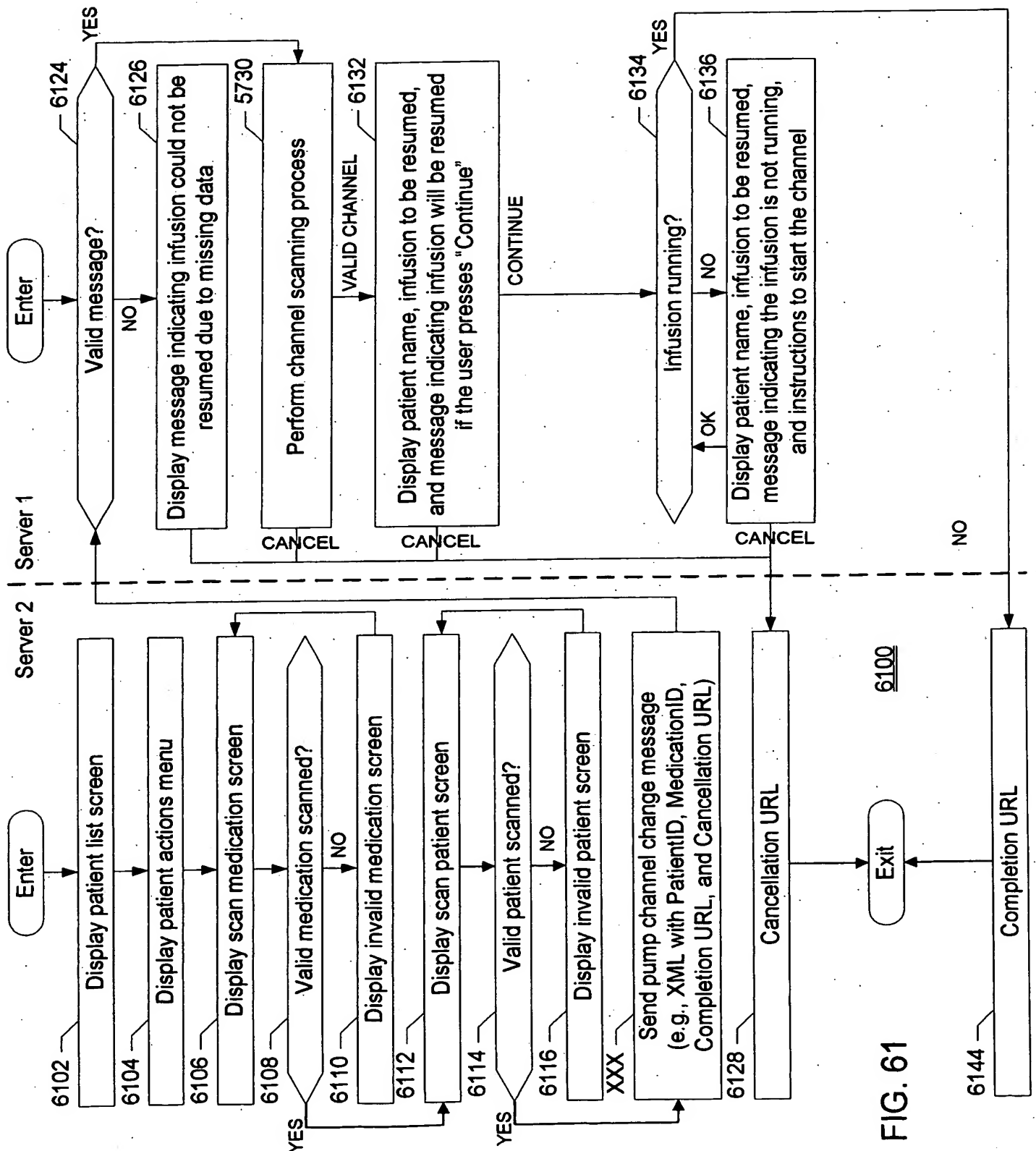


FIG. 61

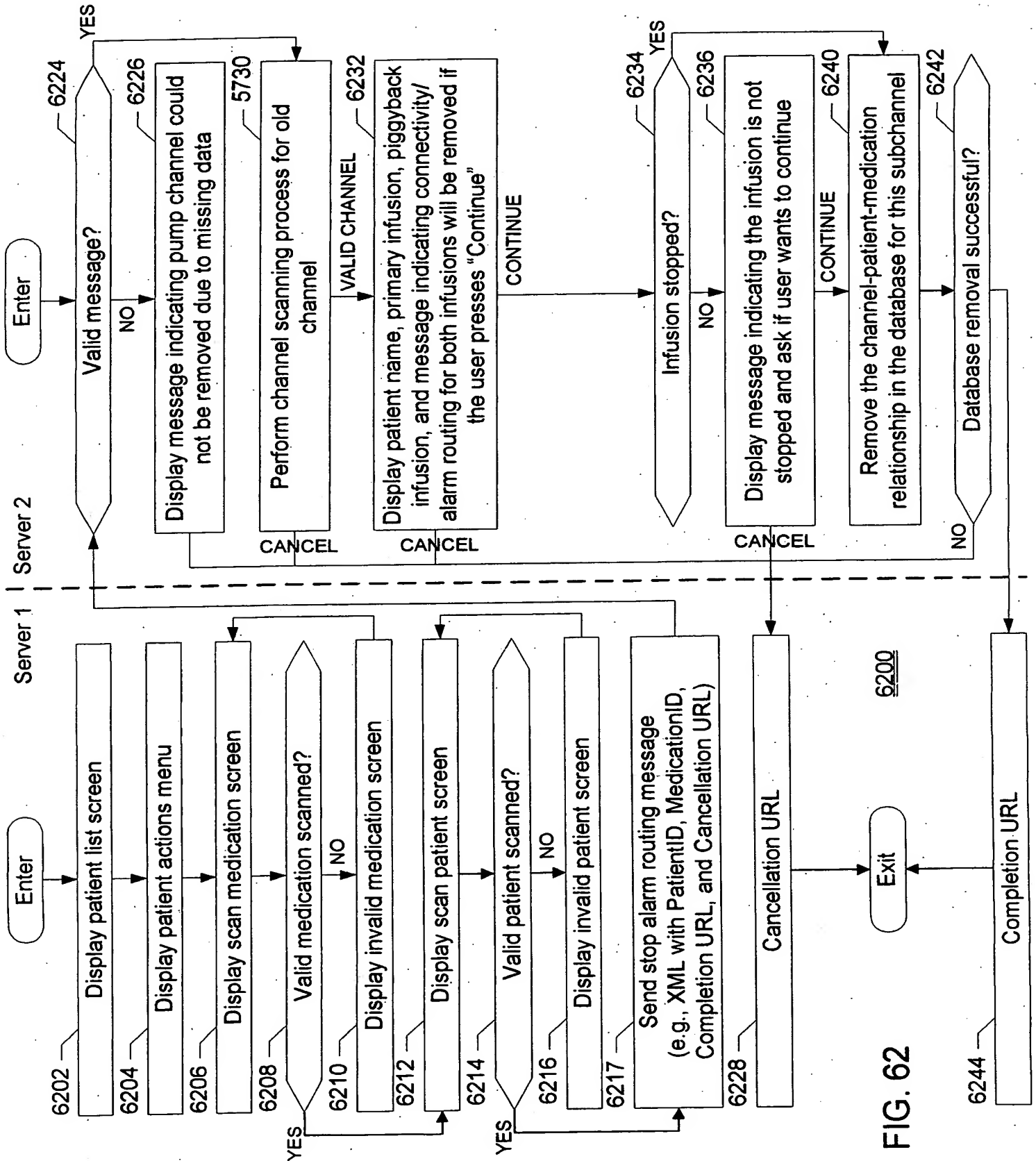


FIG. 62

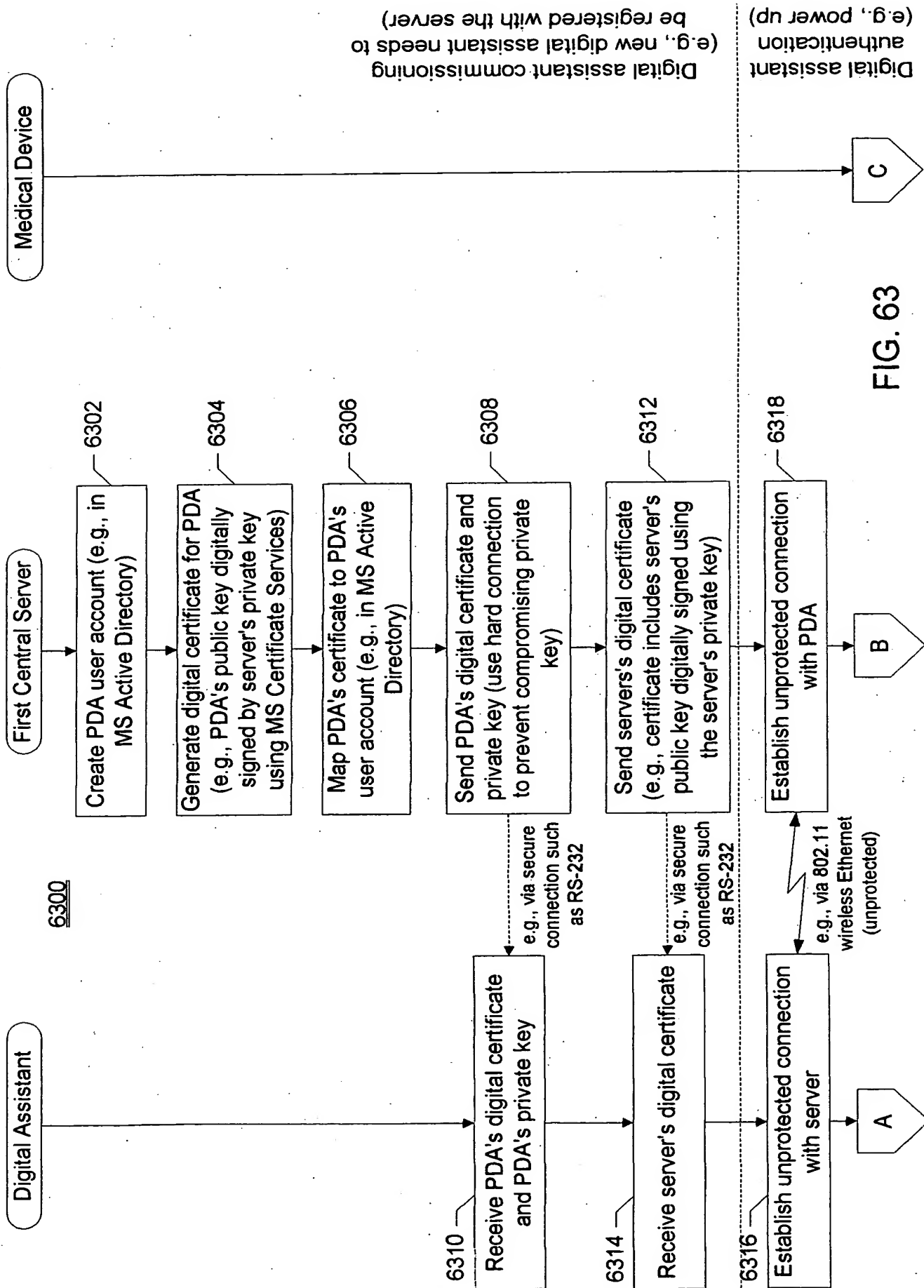
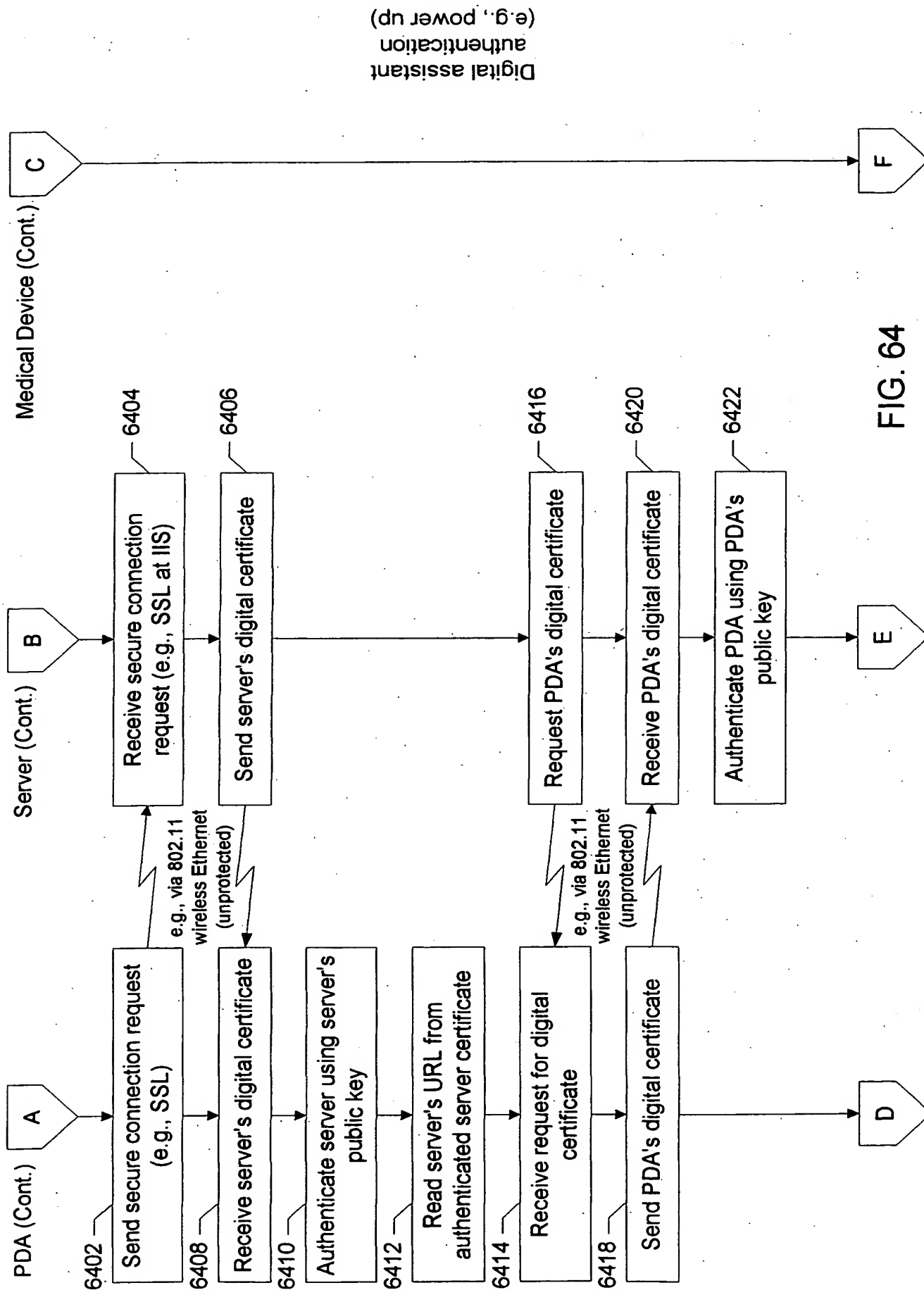


FIG. 63



Digital assistant
authentication
(e.g., power up)

FIG. 64

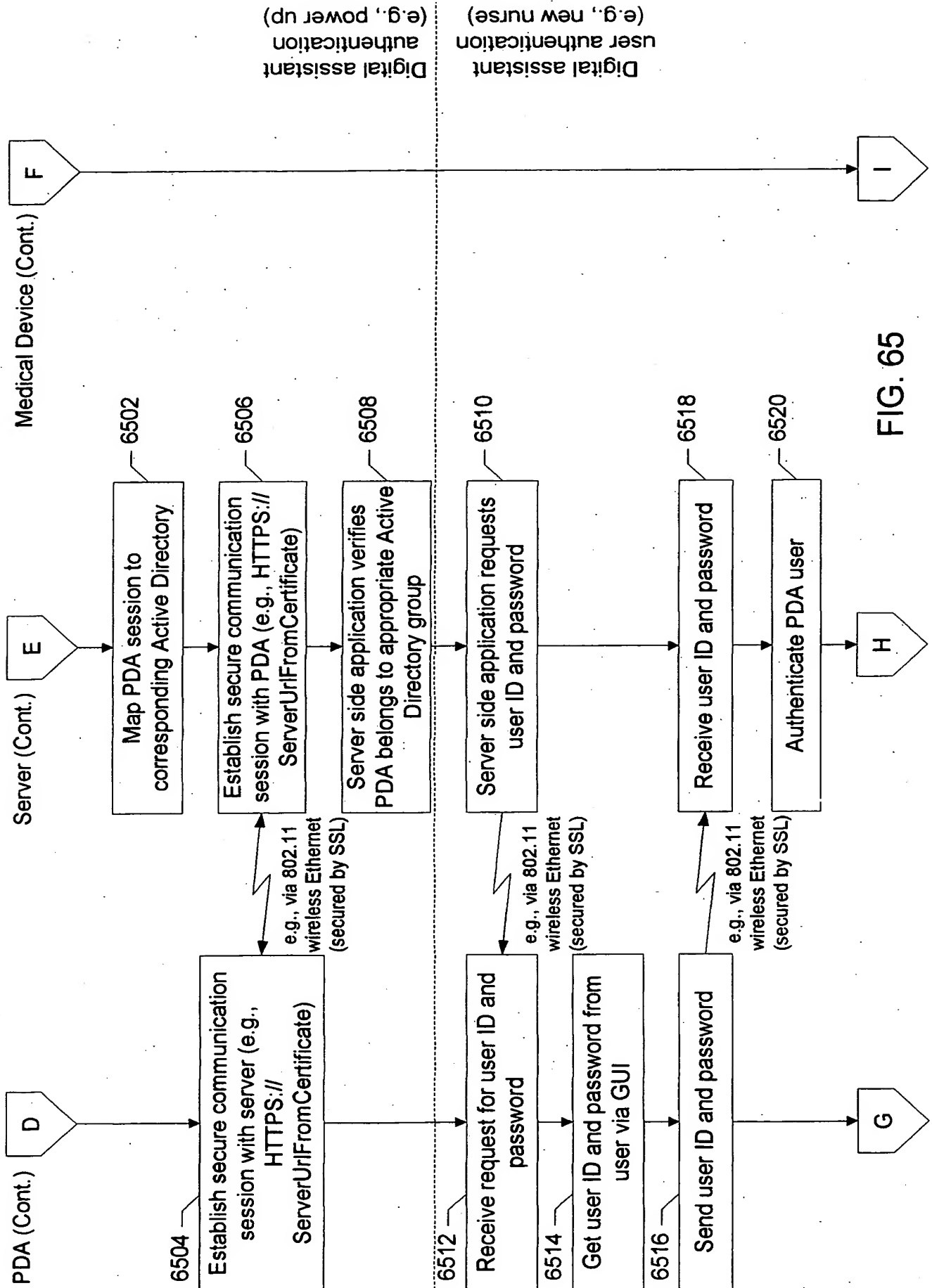


FIG. 65

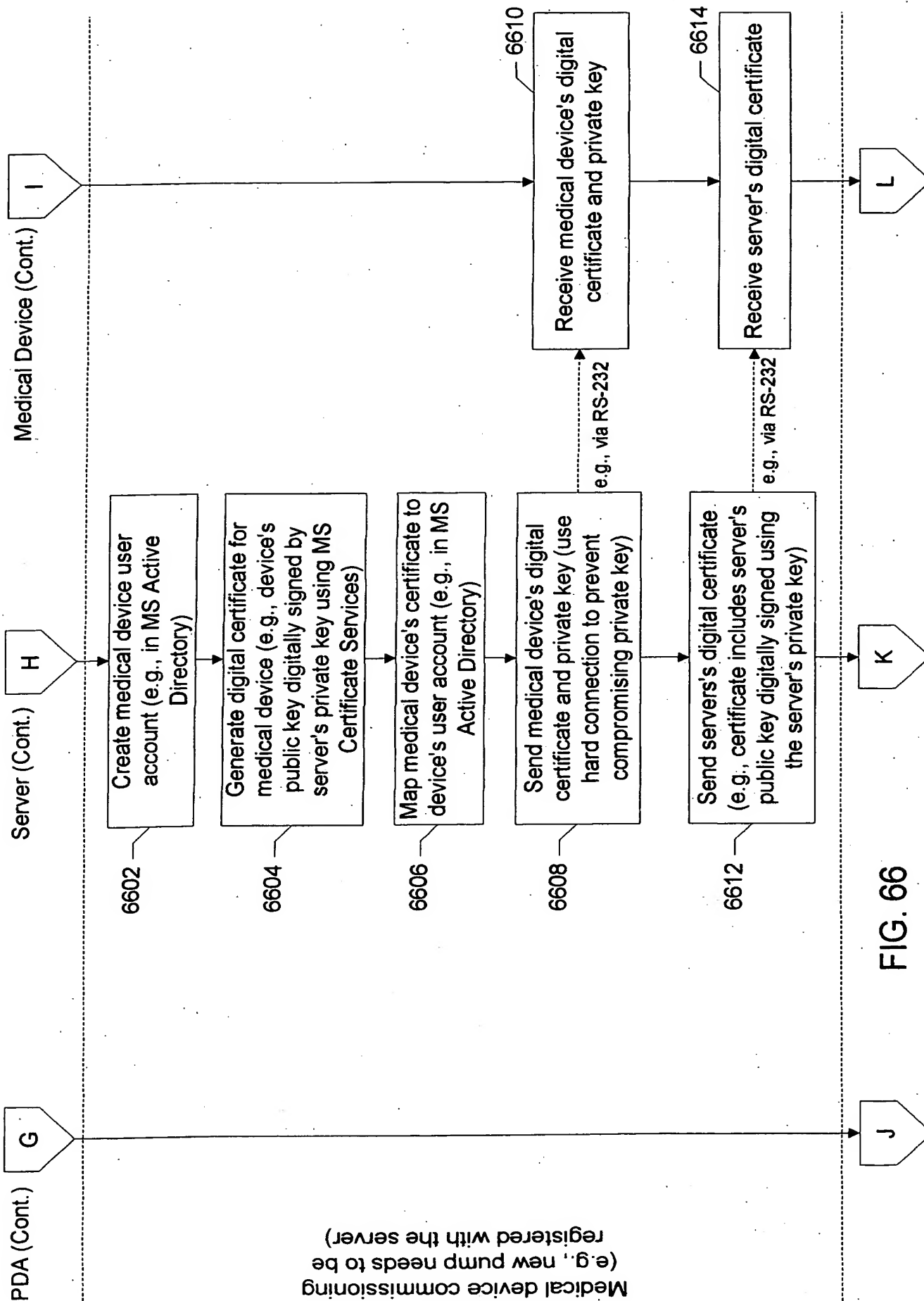


FIG. 66

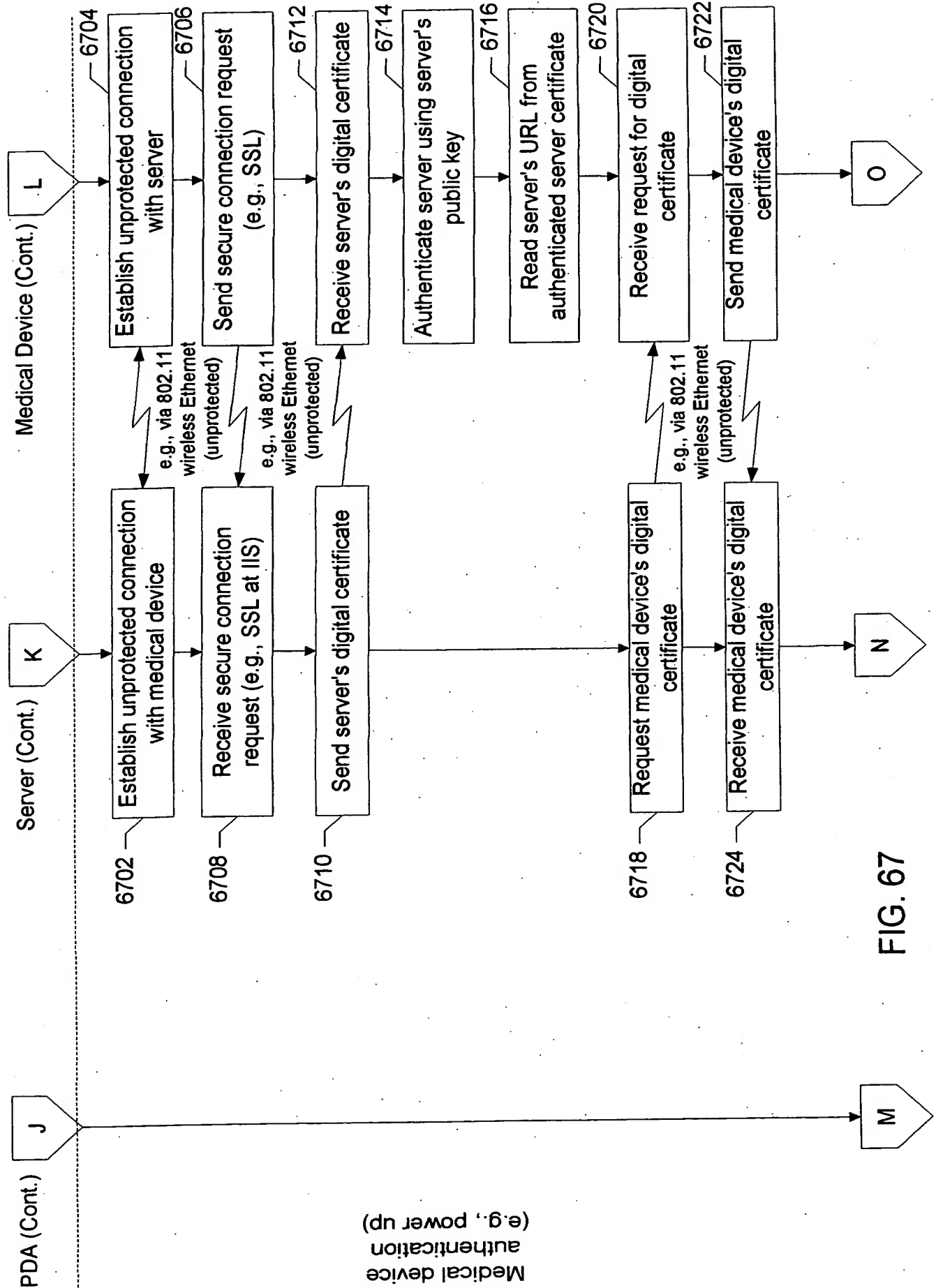


FIG. 67

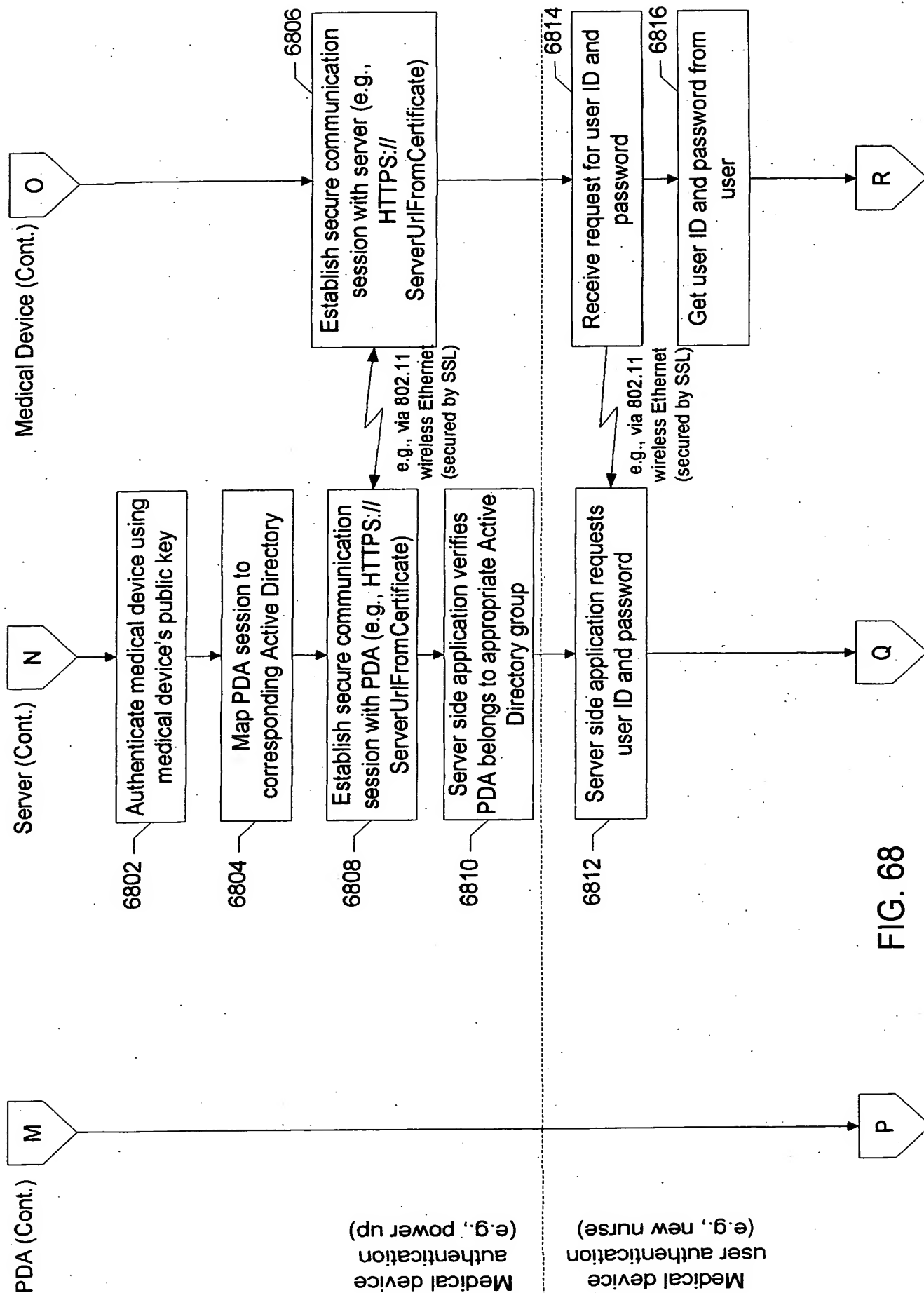


FIG. 68

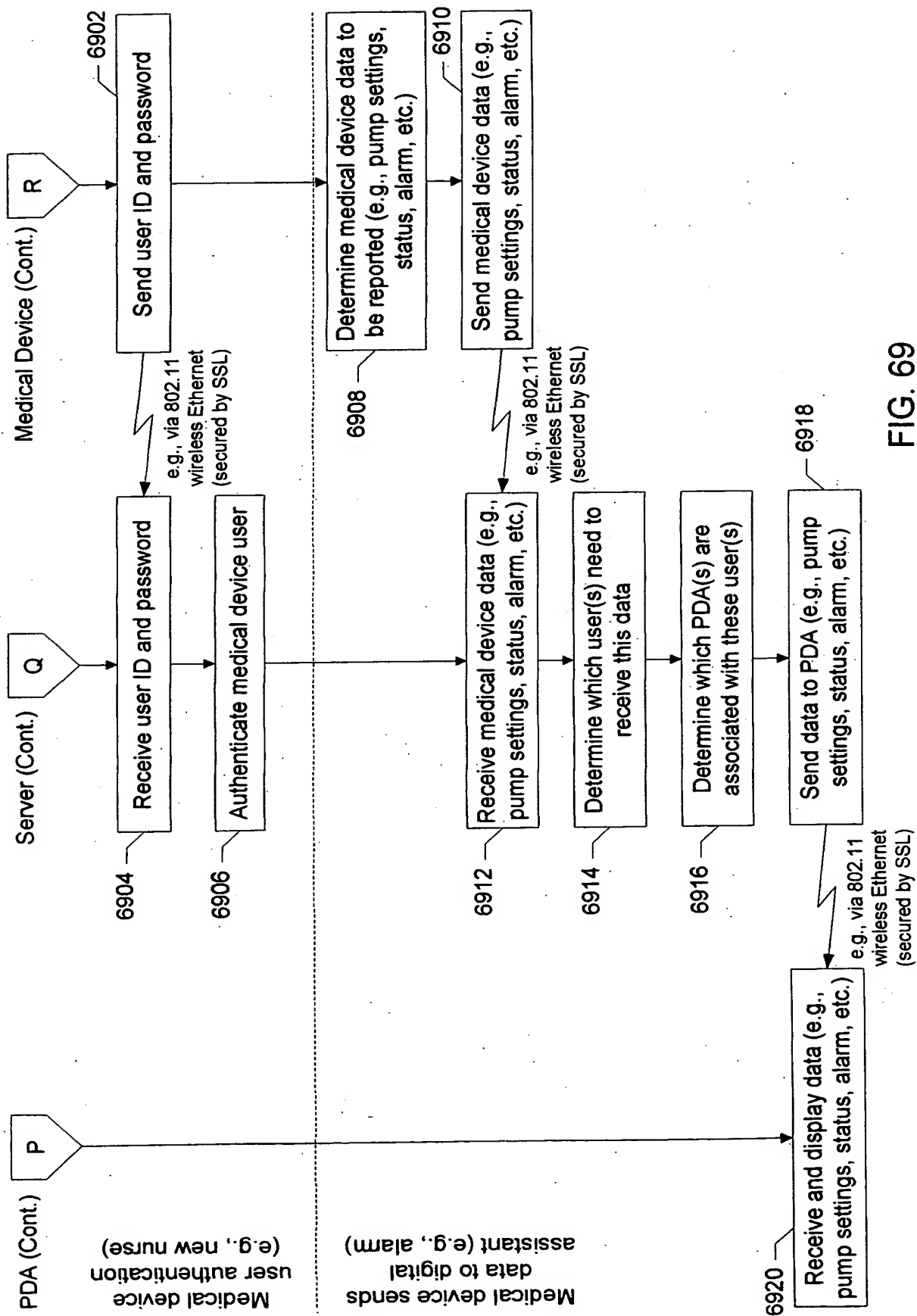


FIG. 69